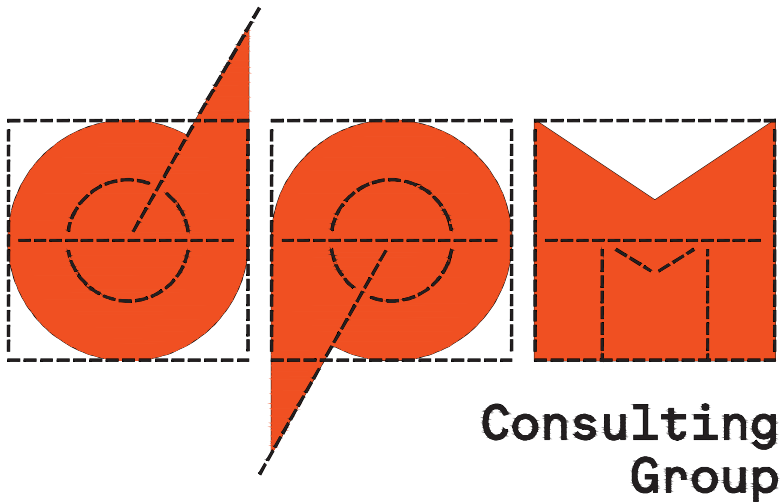


GERANIUM ESTATE - STAGE 1 ROAD & DRAINAGE

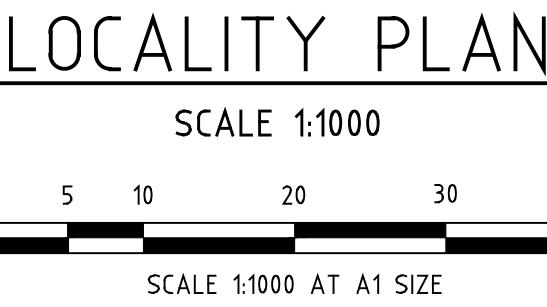
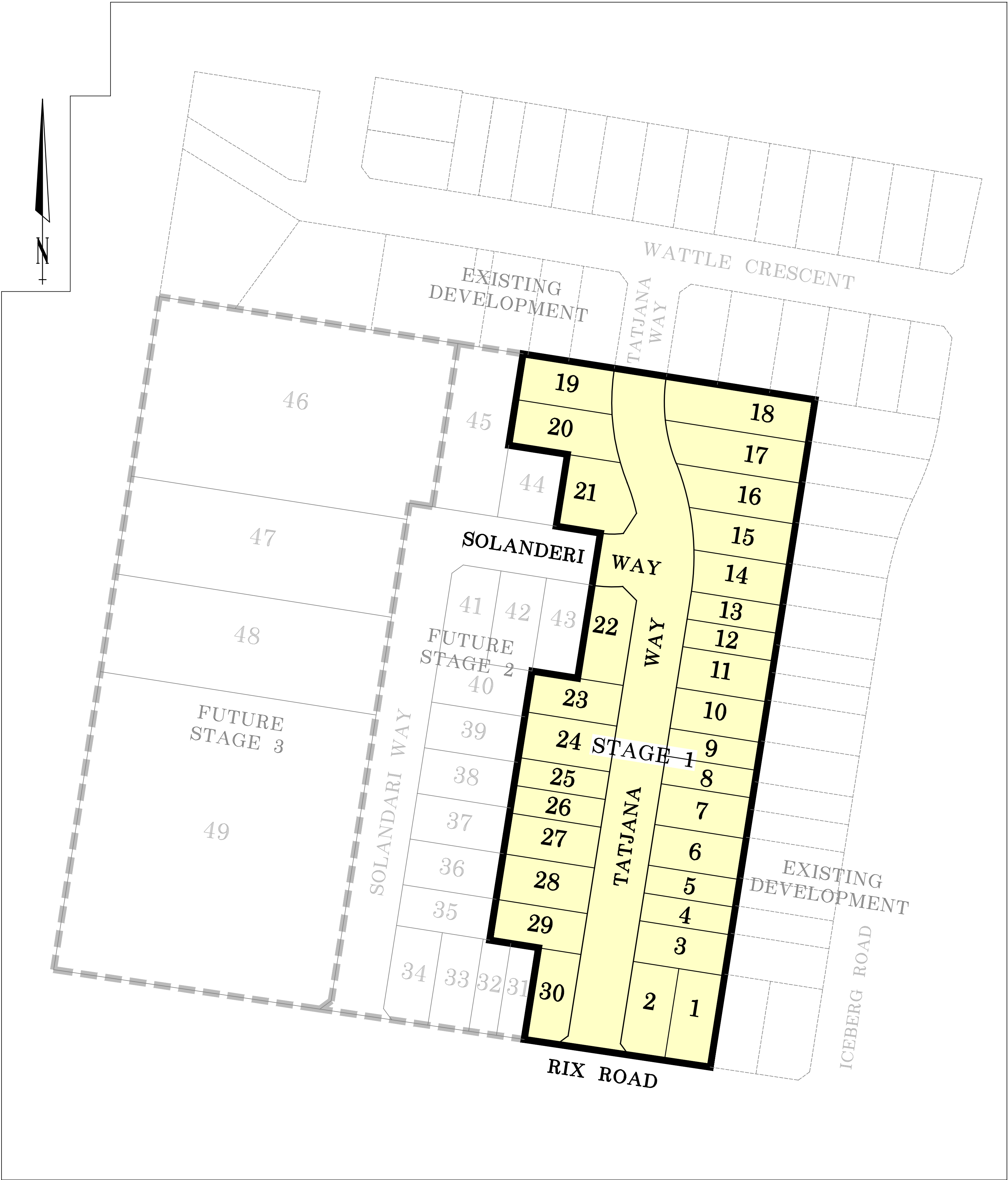
CARDINIA SHIRE COUNCIL

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PRINCIPAL
BANRIAR DEVELOPMENTS PTY LTD
C/ DPM CIVIL ENGINEERING PTY. LTD.

DRAWING NO	DETAILS
3257/01/R01	COVER SHEET
3257/01/R02	LAYOUT PLAN & SERVICES OFFSET TABLE
3257/01/R03	INTERSECTION DETAILS - SHEET 1 OF 2
3257/01/R04	INTERSECTION DETAILS - SHEET 2 OF 2
3257/01/R05	TYPICAL CROSS SECTIONS
3257/01/R06	GENERAL NOTES & TYPICAL DETAILS
3257/01/R07	PAVEMENT COMPOSITIONS AND MISCELLANEOUS DETAILS
3257/01/R08	RIX ROAD LONGITUDINAL & CROSS SECTIONS
3257/01/R09	TATJANA WAY LONGITUDINAL SECTIONS
3257/01/R10	TATJANA WAY CROSS SECTIONS
3257/01/R11	SOLANDERI WAY LONGITUDINAL & CROSS SECTIONS
3257/01/R12	DRAINAGE LONGITUDINAL SECTION - SHEET 1 OF 2
3257/01/R13	DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE - SHEET 2 OF 2
3257/01/R14	SIGNAGE AND LINEMARKING



CONSTRUCTION ISSUE

DRAWING No. 3257/01/R01
MELWAYS REF. MAP 214 B5

GERANIUM ESTATE STAGE 1

NOTE:
THIS PLAN SHOWS DETAILS OF WORKS AFFECTING THE NATURAL SURFACE LEVEL OF THE LAND WITHIN THE SUBDIVISION WHICH HAVE BEEN CARRIED OUT OR ARE PROPOSED TO BE CARRIED OUT AS AT THE DATE OF THIS PLAN AND PRIOR TO THE REGISTRATION OF THE PLAN OF SUBDIVISION. IT IS EXPECTED THERE MAY BE A VARIANCE OF ±100MM OF THE LEVELS SHOWN ON THE PLAN.

NOTE:
WHERE THE WORDS 'REG TO ...' OR '1 IN 150 TO ...' APPEAR ALONG AN ALLOTMENT BOUNDARY, THAT LOT IS TO BE GRADED EVENLY BETWEEN THE LEVELS INDICATED UNLESS NOTED OTHERWISE.

'FS' INDICATES THE GRADING IS TO COMMENCE FROM THE FINISHED SURFACE LEVEL AT THE PROPERTY BOUNDARY

'T' INDICATES THE GRADING IS TO COMMENCE FROM THE TOP OR TOE LEVEL OF ANY BATTER AT THE FRONT OF THE PROPERTY

'R' INDICATES THE GRADING IS TO COMMENCE FROM A RIDGE LEVEL WHICH IS TO BE FORMED AT THE OFFSET INDICATED

ALL OTHER ALLOTMENTS REQUIRE NO REGRADING UNLESS DIRECTED IN WRITING BY THE SUPERINTENDENT.

DRIVEWAY CROSSINGS ARE SHOWN INDICATIVELY ON THESE PLANS. THEY ARE TO BE CONSTRUCTED IN ACCORDANCE WITH EDMC S01 AND S02.

PEDESTRIAN CROSSINGS ARE SHOWN INDICATIVELY ON THESE PLANS. THEY ARE TO BE CONSIDERED IN ACCORDANCE WITH EDMC 403.

LEGEND:

- NATIVE VEGETATION PROTECTION AREA AS SHOWN IN THE OFFICER NATIVE VEGETATION PRECINCT PLAN
- NATIVE VEGETATION PROTECTION AREA AS MAPPED BY NATURE ADVISORY
- 30m BUFFER FROM NATIVE VEGETATION TO BE PROTECTED AND RETAINED APPLIES TO THE RELEVANT LOT(S) THAT CONTAIN THE NATIVE VEGETATION
- TREES TO BE REMOVED WITHIN THE NORTHERN VERGE OF RIX ROAD AS PART OF THE STAGE 1 WORKS
- TREES TO BE REMOVED WITHIN 228-236 RIX ROAD PRIOR TO SUBDIVISION WORKS
- LOT FALL ACROSS EACH LOT IS TO BE AT A MINIMUM OF 1 IN 150 TO THE LOWEST POINT OF THE LOT
- OVERALND FLOW PATH

TACTILE GROUND SURFACE INDICATORS (TGS) BOTH DIRECTIONAL AND WARNING TO BE INSTALLED AT PRAM CROSSING LOCATIONS IN ACCORDANCE WITH AS1428.4 AND DDA COMPLIANCE

BEWARE OF EXISTING SERVICES. SERVICES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION, AND SHALL PROTECT THESE AT ALL TIMES.

DISCLAIMER:
THESE DRAWINGS ARE TO BE USED ONLY FOR THE PURPOSE FOR WHICH THEY WERE INTENDED FOR. NO RESPONSIBILITY WILL BE BORNE BY THE ENGINEERING CONSULTANT SHOULD THESE DRAWINGS BE USED FOR ANY OTHER PURPOSE.

NOTE:
ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT CARDINIA SHIRE COUNCIL SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF THE CONSTRUCTION AND ASSET PROTECTION TEAM



STAGE 1

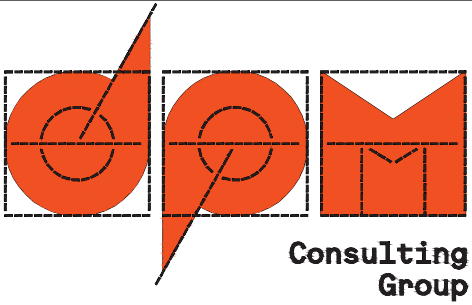
NOTE: THIS TABLE IS FOR DESIGN PURPOSES ONLY AND CANNOT BE USED FOR ASSET LOCATION. ALL MEASUREMENTS IN METRES

ROAD	STREET NAME	NON DRINKING WATER		DRINKING WATER		NBN		ELECTRICITY		LIGHTING
		SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	
20m ROAD (ULTIMATE)	RIX ROAD	SOUTH	4.95-7.10 (VARIES)	NORTH	4.30-4.40 (VARIES)	NORTH	3.50	NORTH	3.00	TBC
16m ROAD	TATJANA WAY	WEST	2.65	WEST	3.15	EAST	1.775	EAST	2.60	3.05E
16m ROAD	SOLANDERI WAY	SOUTH	2.65	SOUTH	3.15	NORTH	1.775	NORTH	2.60	3.05N

LEGEND

	GAS MAIN		HOUSE DRAIN PROPOSED/EX.		CHAINS AND TANGENT POINTS
	WATER MAIN		PROPERTY INLET, DRAINAGE PITS		EXISTING SURFACE LEVEL
	RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		FINISHED LEVEL (TITLE BOUNDARY)
	ELECTRICITY CABLE		DRAINAGE PIT STAGE/NUMBER		DESIGN TOP/TOE OF BATTER LEVEL
	TELECOMMUNICATIONS CABLE		SEWER LINE AND STRUCTURES		DESIGN PAVEMENT LEVEL
	WATER CONDUIT		EX./SEWER LINE AND STRUCTURES		PROPOSED CONTOUR LINE & LEVEL
	GAS CONDUIT		KERB AND CHANNEL		EXISTING CONTOUR LINE & LEVEL
	RECYCLED WATER CONDUIT		EX./FUT. KERB AND CHANNEL		FILLING IN EXCESS OF 200mm
	COMBINED SERVICES CONDUIT		KERB TO BE REMOVED OFFSITE		CATCH DRAIN AND INVERT LEVEL
	T.B.M.		STREET SIGN		EX. BATTER 1
	P.S.M.				PROP. BATTER

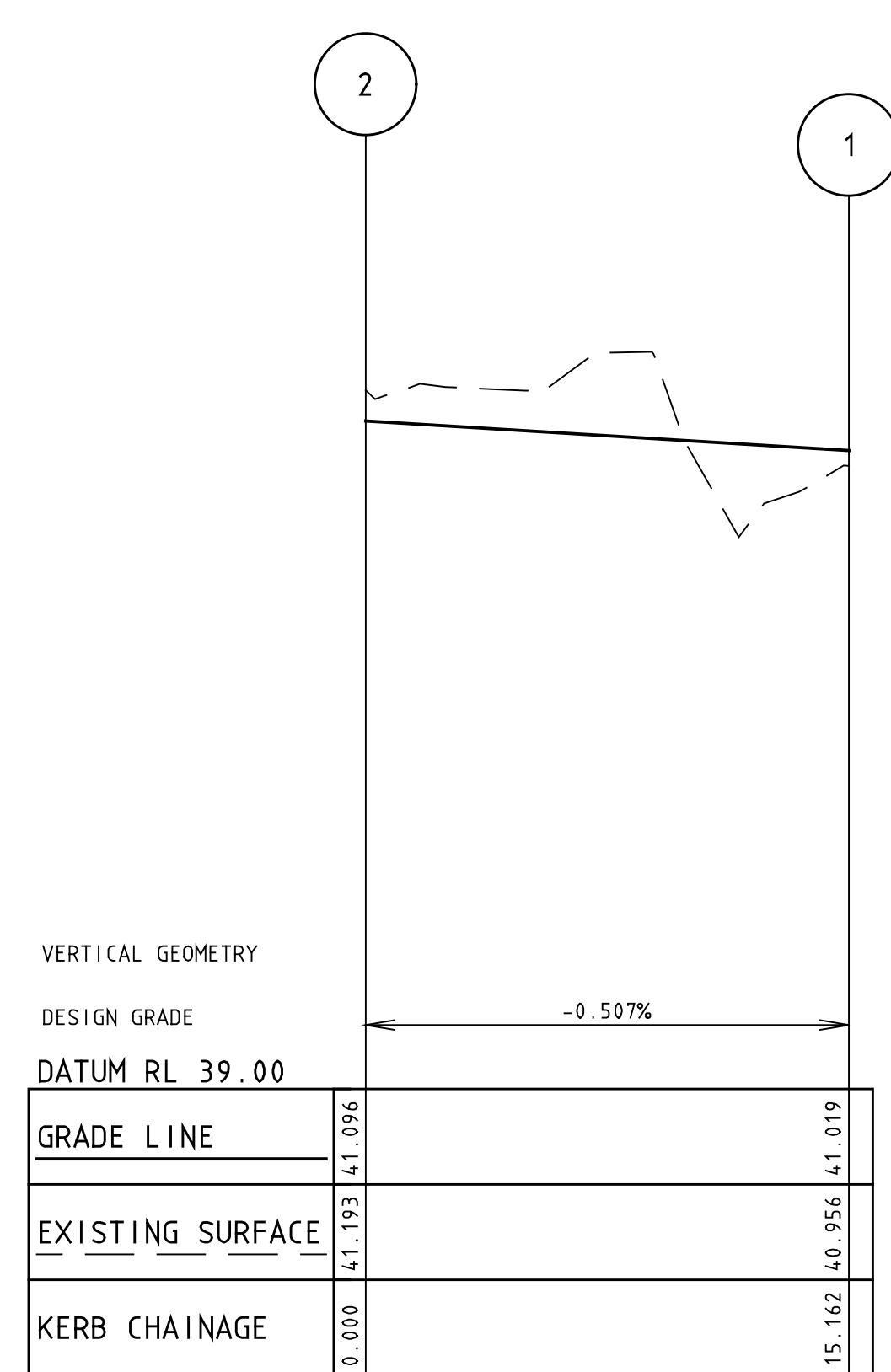
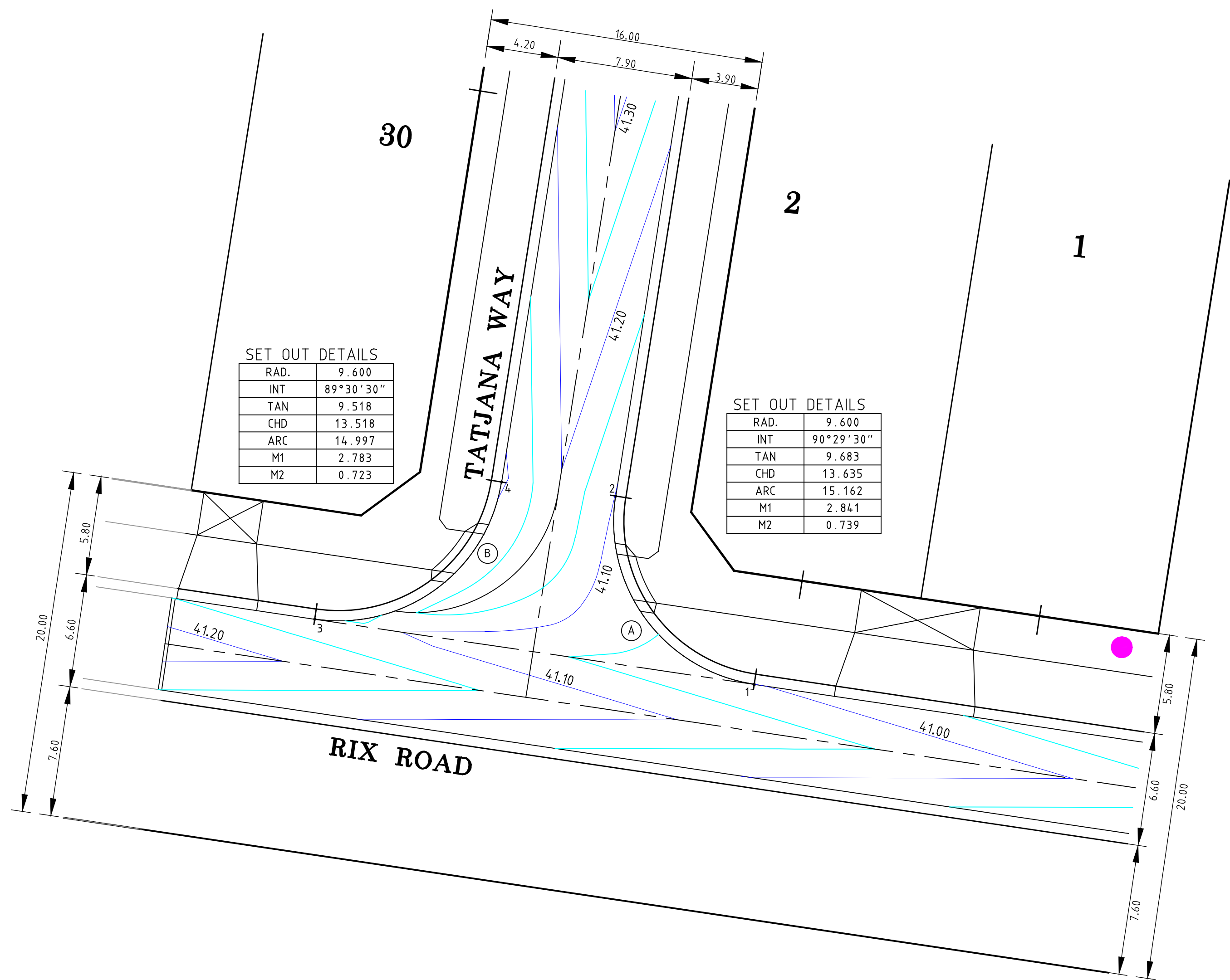
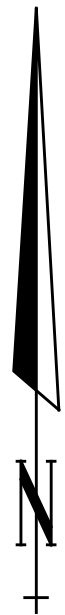
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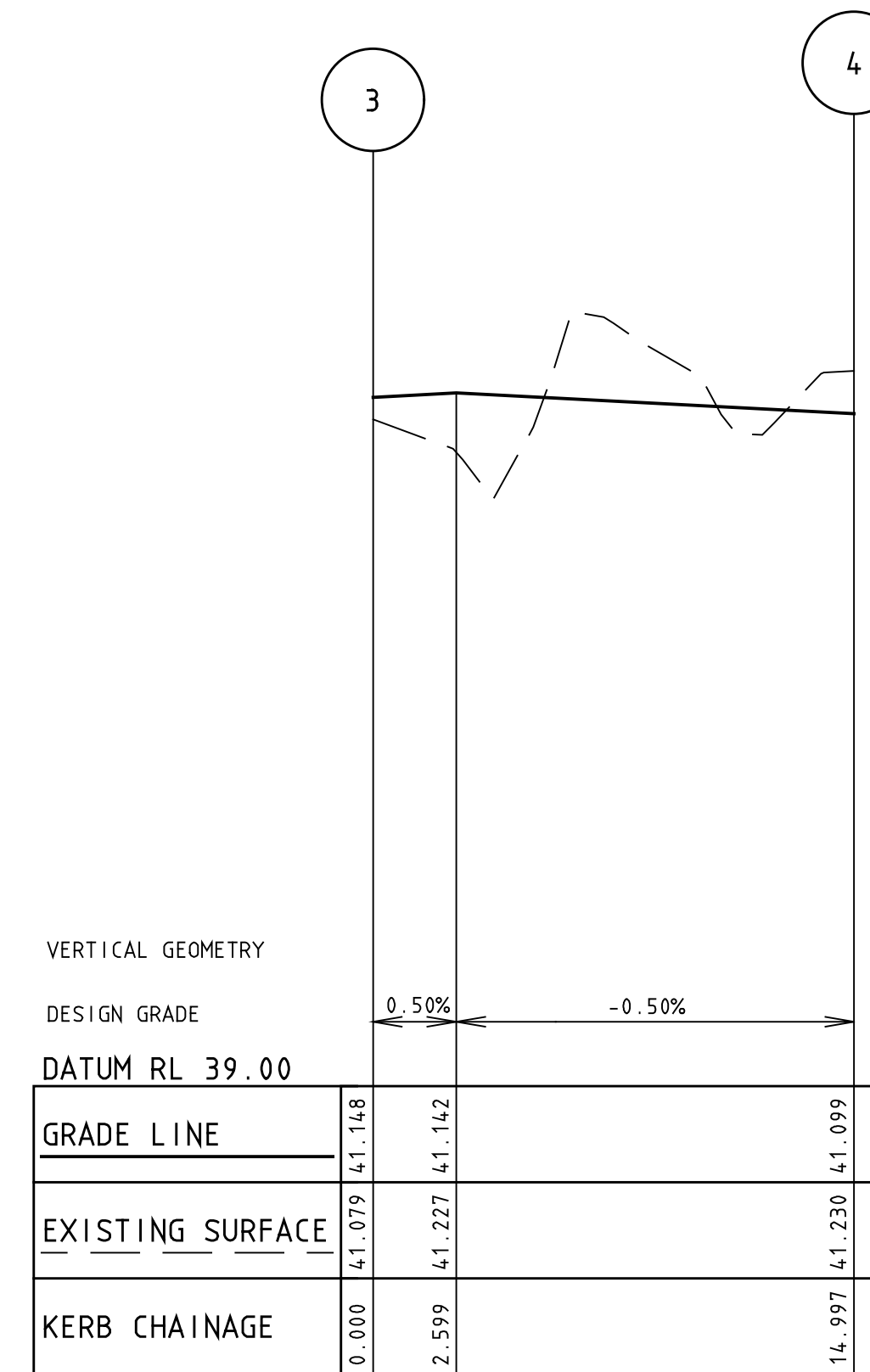
DRAWN: J.DEMERTZIDIS
DESIGNED: J.DEMERTZIDIS
CHECKED: S.MAKARAS
AUTHORISED: M.COLE
PE REG NO: PE1124072
DATE: 06/02/2025

AUTHORITY: CARDINIA SHIRE COUNCIL
PROJECT: GERANIUM ESTATE - STAGE 1
DETAILS: LAYOUT PLAN & SERVICES OFFSET TABLE

SCALE 1:500
LEVEL DATUM AHD
SHEET 02 OF 14
DRAWING No. 3257/01/R02
REV. C1



KERB LIP A
Horizontal scale 1:200
Vertical scale 1:20



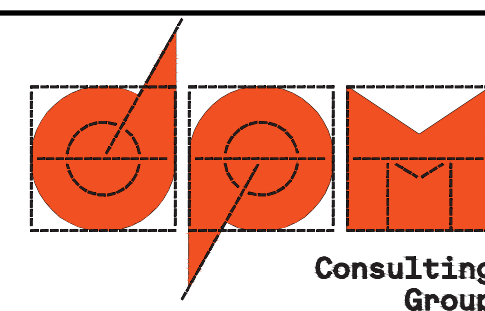
KERB LIP B
Horizontal scale 1:200
Vertical scale 1:20

POINT SET OUT SCHEDULE

POINT No.	EASTING	NORTHING	R.L.
1	358104.20	5785727.11	41.019
2	358096.13	5785738.10	41.096
3	358078.58	5785730.92	41.148
4	358089.48	5785738.92	41.099

LEGEND			
	GAS MAIN		HOUSE DRAIN PROPOSED/EX.
	WATER MAIN		PROPERTY INLET, DRAINAGE PITS
	RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS
	ELECTRICITY CABLE		PS21.35 FINISHED LEVEL (TITLE BOUNDARY)
	TELECOMMUNICATIONS CABLE		721.35 DRAINAGE PIT STAGE/NUMBER
	WATER CONDUIT		P21.350 EX. SEWER LINE AND STRUCTURES
	GAS CONDUIT		PROPOSED CONTOUR LINE & LEVEL
	RECYCLED WATER CONDUIT		EXISTING CONTOUR LINE & LEVEL
	COMBINED SERVICES CONDUIT		FILLING IN EXCESS OF 200mm
	T.B.M.		CATCH DRAIN AND INVERT LEVEL
	P.S.M.		EX. BATTER
			PROP. BATTER

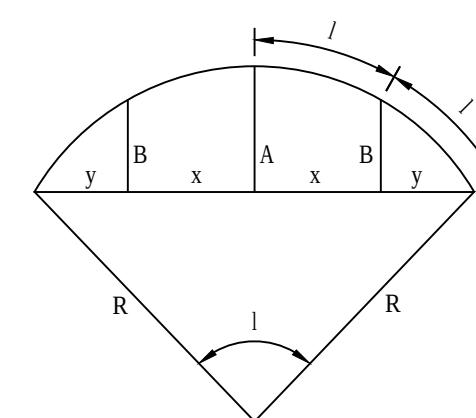
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DRAWN: J.DEMERTZIDIS
DESIGNED: J.DEMERTZIDIS
CHECKED: S.MAKARAS
AUTHORISED: M.COLE
PE REG NO: PE1124072
DATE: 06/02/2025

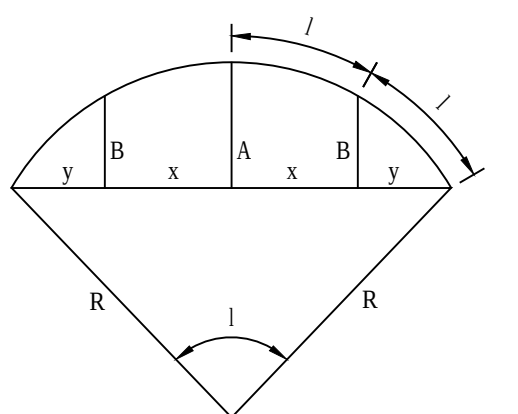
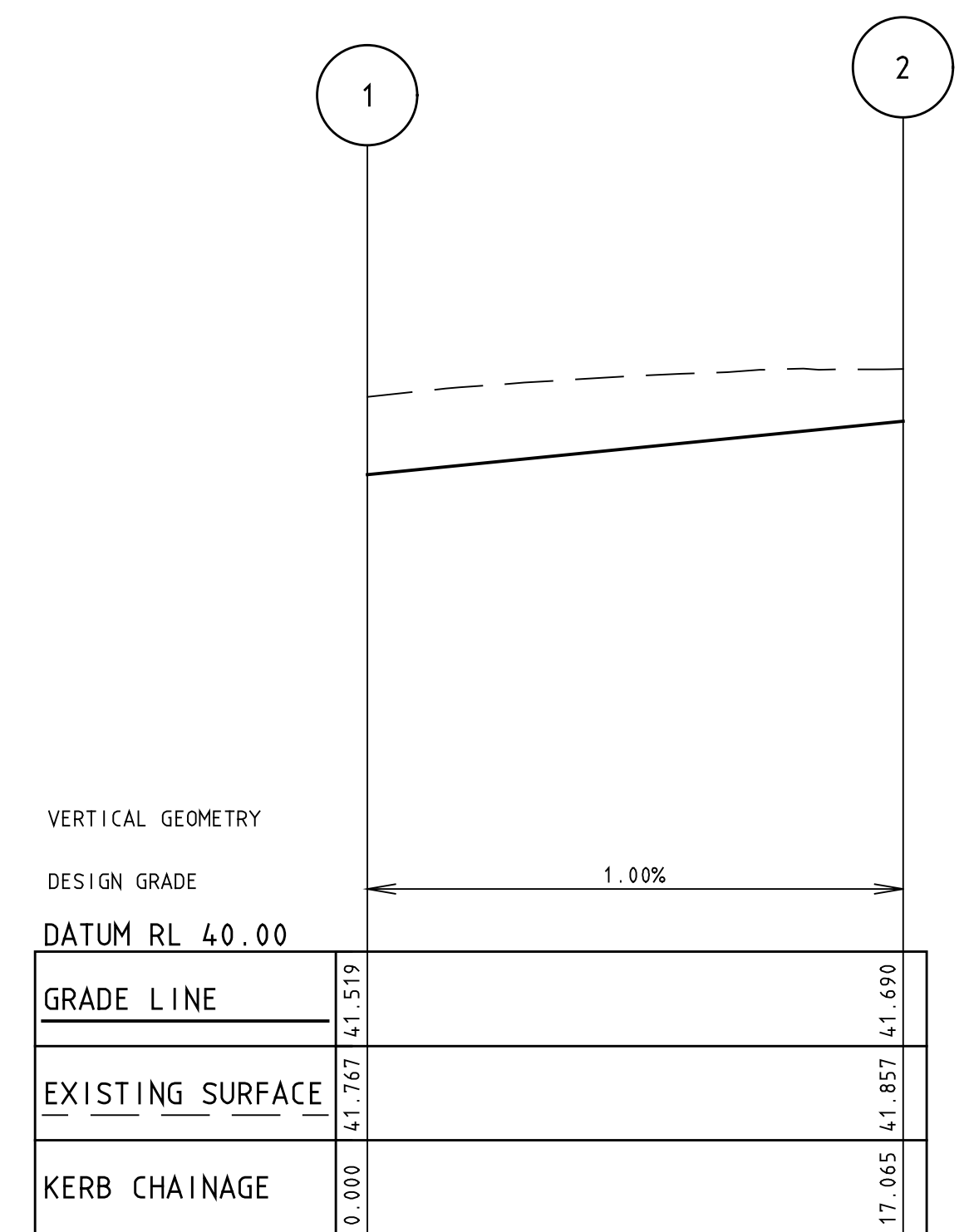
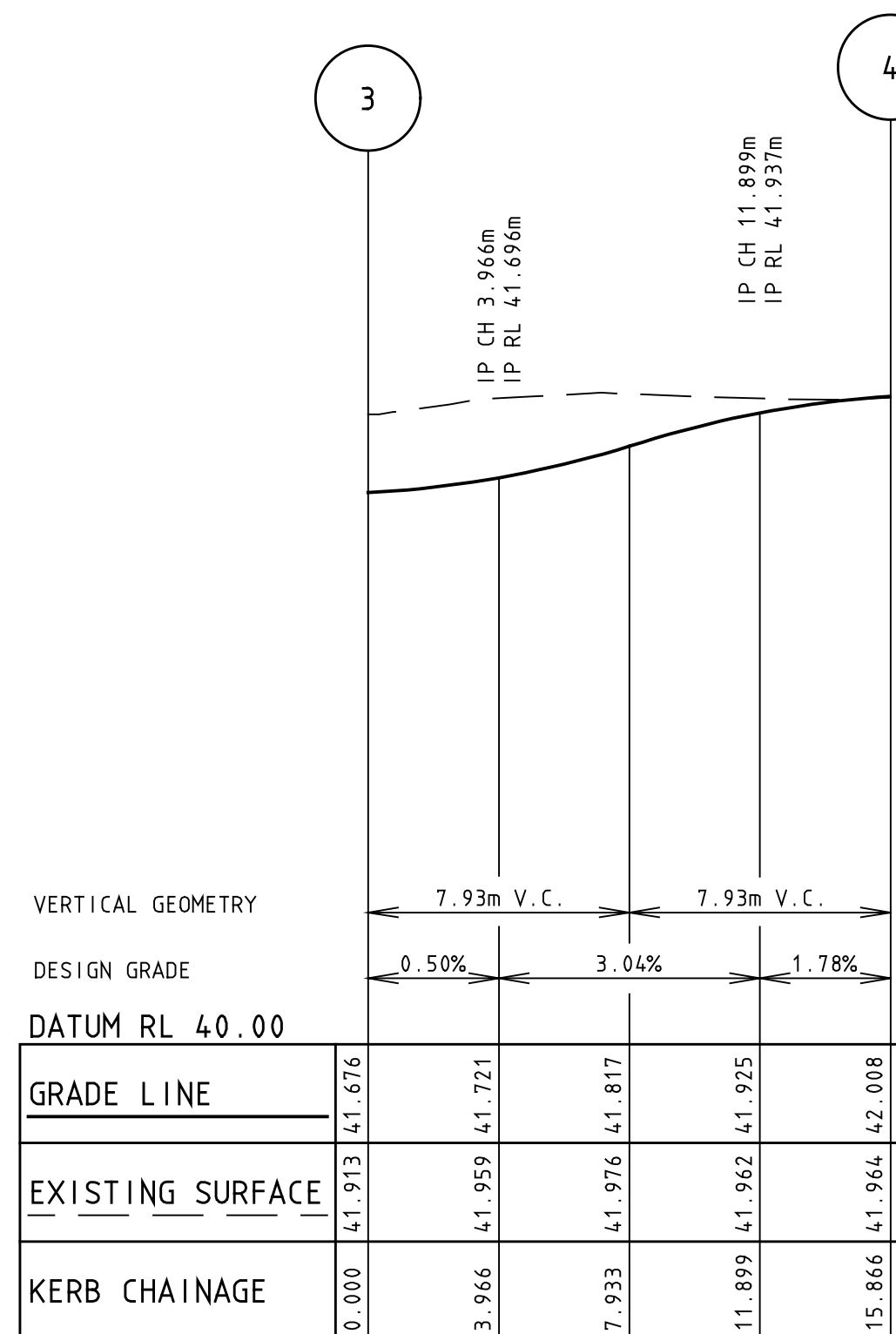
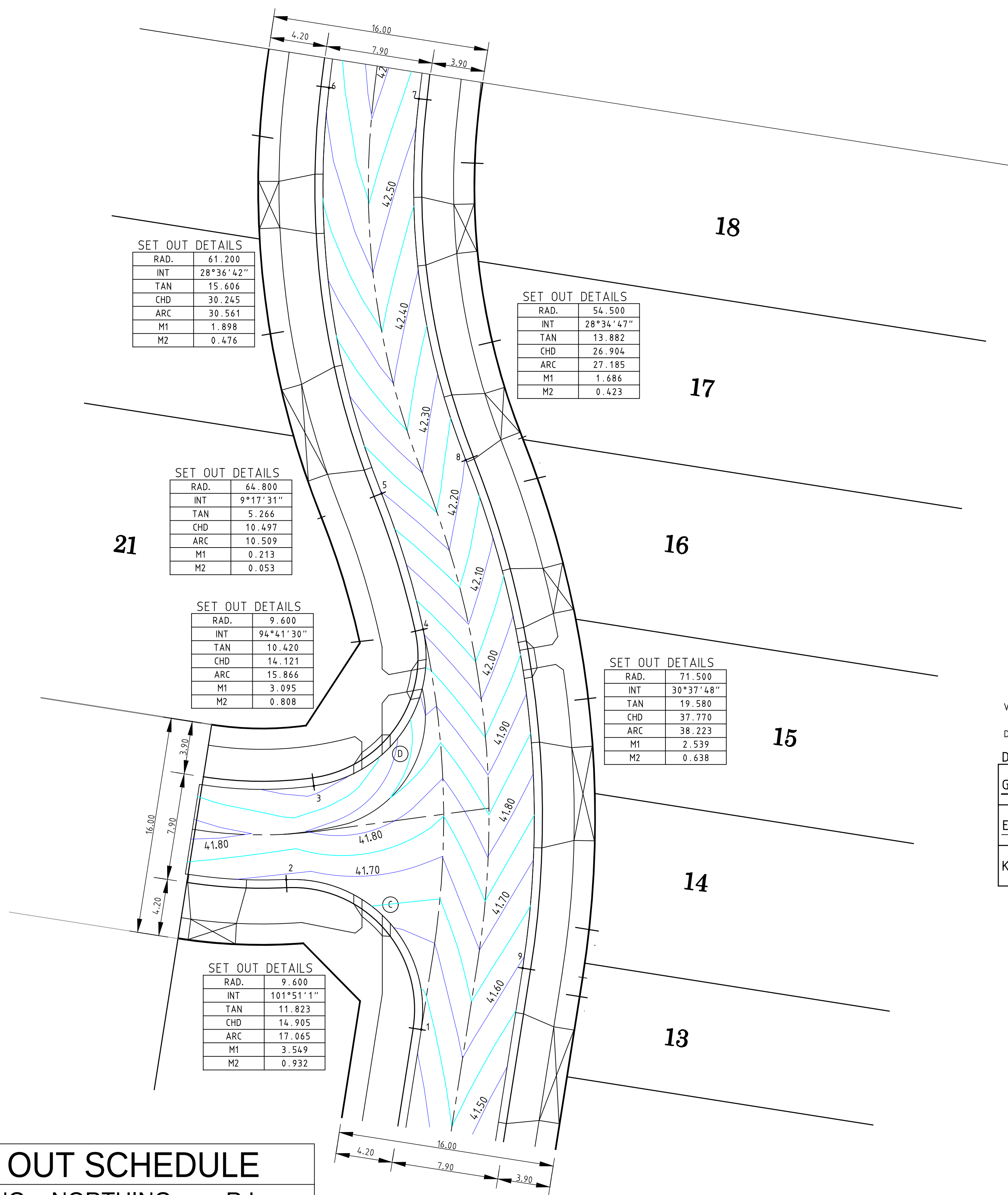
AUTHORITY: **CARDINIA SHIRE COUNCIL**
PROJECT: **GERANIUM ESTATE - STAGE 1
ROAD & DRAINAGE**
DETAILS: **INTERSECTION DETAILS - SHEET 1 OF 2**

SCALE 1:200
LEVEL DATUM AHD
SHEET 03 OF 14
DRAWING No. **3257/01/R03**
REV. C1



LIP PROFILE SETOUT
SETOUT DETAILS

CONSTRUCTION ISSUE



LIP PROFILE SETOUT

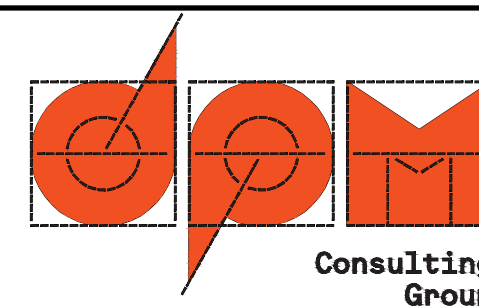
SETOUT DETAILS

CONSTRUCTION ISSUE

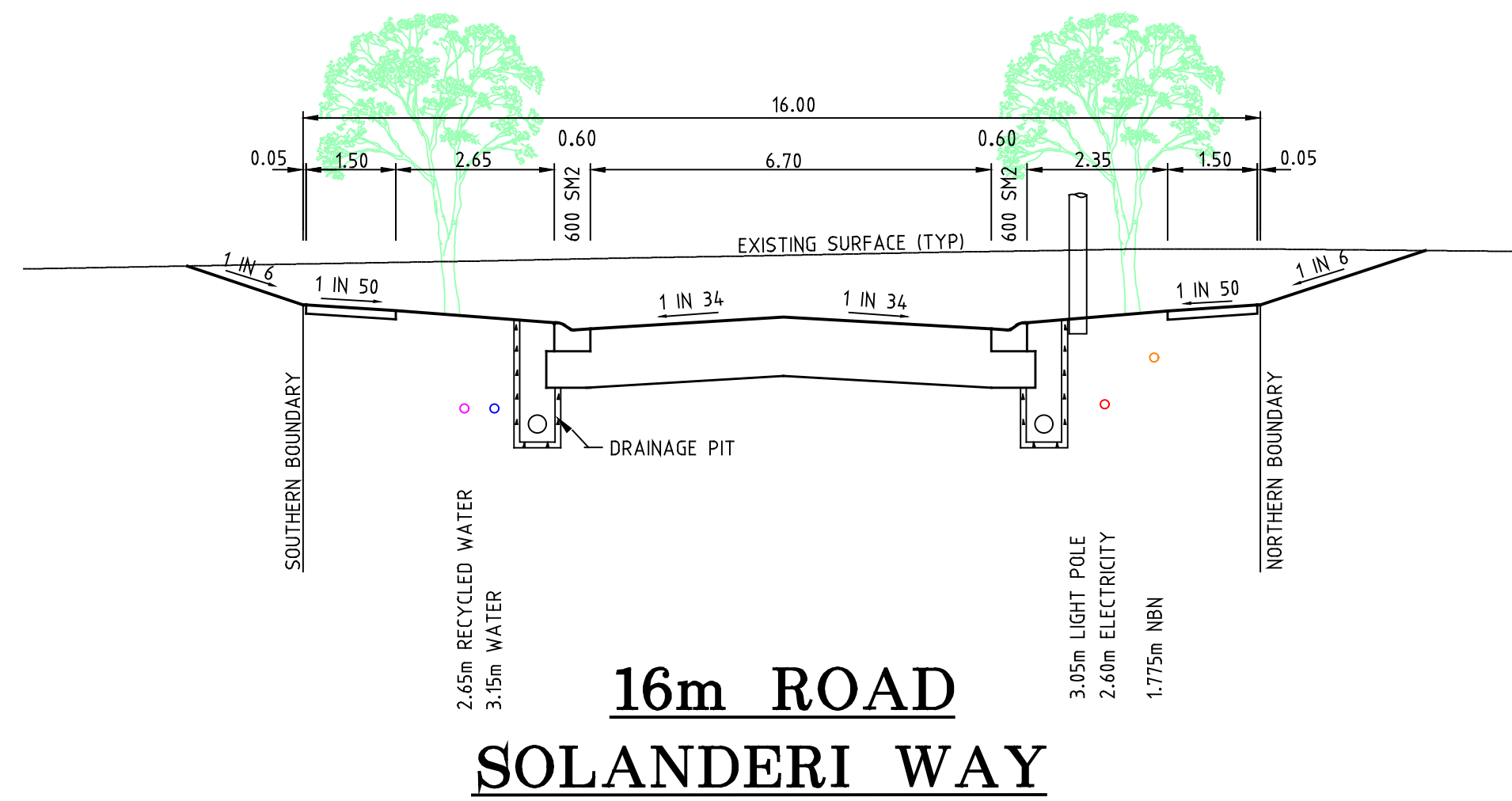
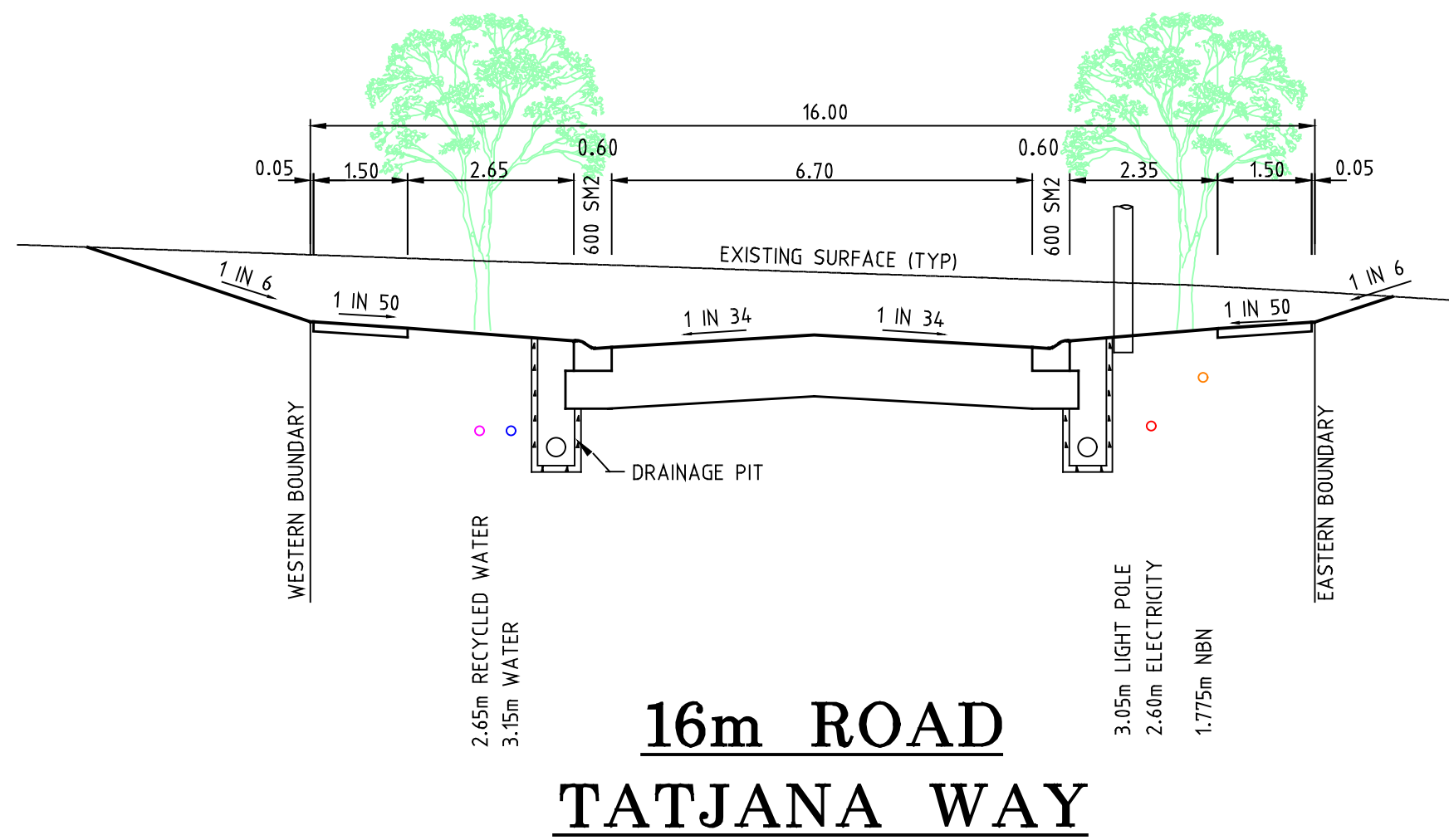
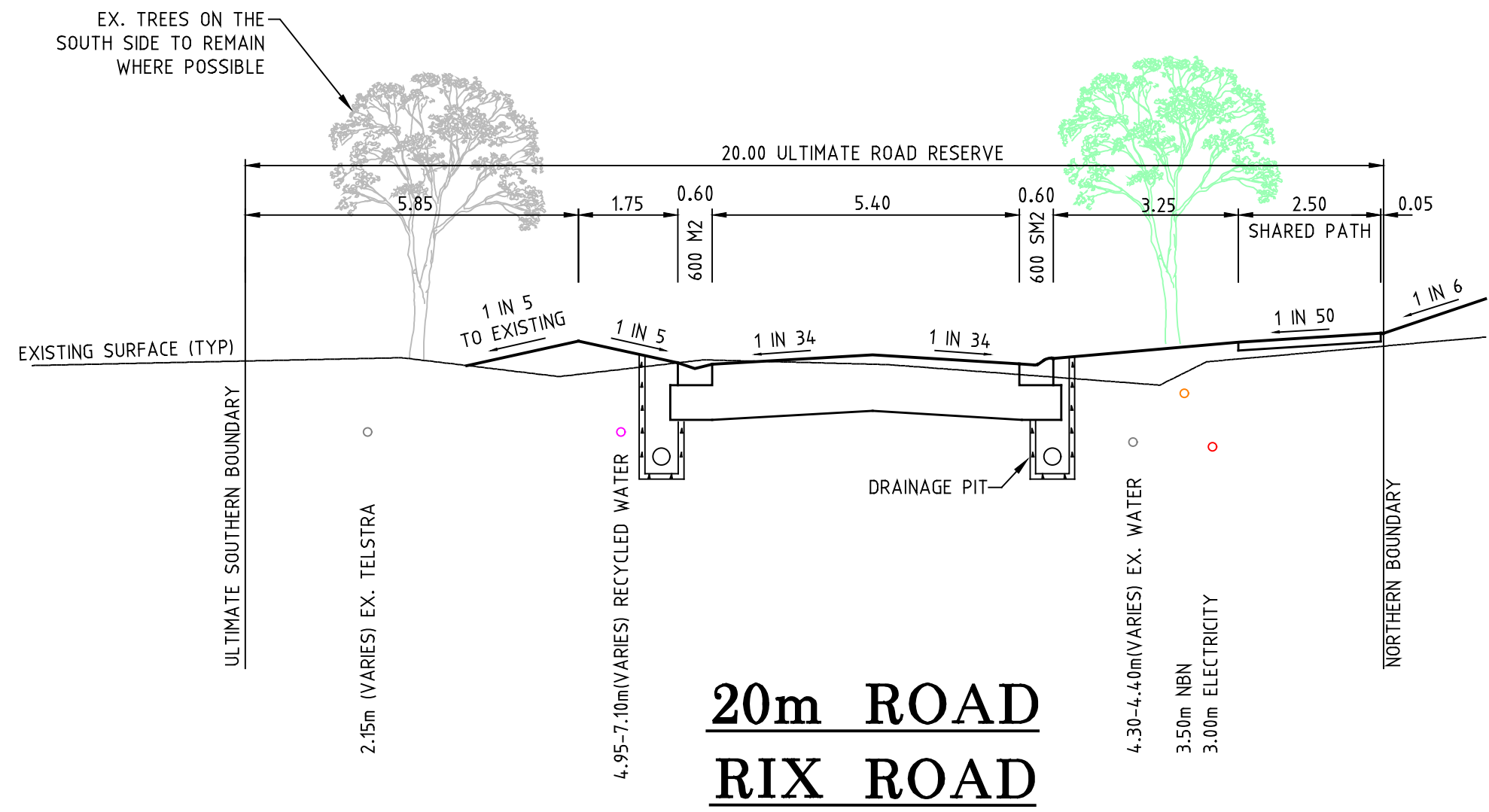
POINT SET OUT SCHEDULE			
POINT No.	EASTING	NORTHING	R.L.
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2	358100.01	5785880.40	41.69
3	358102.04	5785887.31	41.676
4	358110.13	5785898.88	42.008
5	358107.05	5785908.92	42.197
6	358103.16	5785938.89	42.526
7	358109.81	5785938.07	42.526
8	358113.28	5785911.39	42.197
9	358117.47	5785873.86	41.602

LEGEND			
	GAS MAIN		HOUSE DRAIN PROPOSED/EX.
	WATER MAIN		PROPERTY INLET, DRAINAGE PITS
	RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS
	ELECTRICITY CABLE		FINISHED LEVEL (TITLE BOUNDARY)
	TELECOMMUNICATIONS CABLE		DESIGN TOP/TOE OF BATTER LEVEL
	WATER CONDUIT		DESIGN PAVEMENT LEVEL
	GAS CONDUIT		PROPOSED CONTOUR LINE & LEVEL
	RECYCLED WATER CONDUIT		EXISTING CONTOUR LINE & LEVEL
	COMBINED SERVICES CONDUIT		FILLING IN EXCESS OF 200mm
	T.B.M.		CATCH DRAIN AND INVERT LEVEL
	P.S.M.		EX. BATTER
			PROP. BATTER
			STREET SIGN

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DRAWN: J.DEMERTZIDIS	AUTHORITY: CARDINIA SHIRE COUNCIL	SCALE 1:200
DESIGNED: J.DEMERTZIDIS	PROJECT: GERANIUM ESTATE - STAGE 1	LEVEL DATUM AHD
CHECKED: S.MAKARAS	DETAILS: INTERSECTION DETAILS - SHEET 2 OF 2	SHEET 04 OF 14
AUTHORISED: M.COLE		DRAWING No. 3257/01/R04
PE REG NO: PE1124072		REV. C1
DATE: 06/02/2025		



TYPICAL ROAD CROSS SECTIONS

NOT TO SCALE
NOTE: THE DIRECTION OF FALL OF THE EXISTING SURFACE IN THESE SECTIONS IS ONLY DIAGRAMMATIC TO INDICATE CUT AND FILL BATTER SLOPES.

								G GAS MAIN W WATER MAIN W RECYCLED WATER MAIN E ELECTRICITY CABLE T TELECOMMUNICATIONS CABLE W WATER CONDUIT G GAS CONDUIT W RECYCLED WATER CONDUIT W COMBINED SERVICES CONDUIT T.B.M. T.B.M. I.P.S.M. I.P.S.M. HOUSE DRAIN PROPOSED/EX. W PROPERTY INLET, DRAINAGE PITS EX./FUT. INLET, DRAINAGE PITS EX./FUT. INLET, DRAINAGE PITS F521.35 F521.35 P213.50 P213.50 EX-SEWER LINE AND STRUCTURES EX-SEWER LINE AND STRUCTURES KERB AND CHANNEL KERB AND CHANNEL EX./FUT. KERB AND CHANNEL EX./FUT. KERB AND CHANNEL KERB TO BE REMOVED OFFSITE KERB TO BE REMOVED OFFSITE STREET SIGN STREET SIGN CHAINAGES AND TANGENT POINTS EXISTING SURFACE LEVEL FINISHED LEVEL (TITLE BOUNDARY) DESIGN TOP/TOE OF BATTER LEVEL DESIGN PAVEMENT LEVEL PROPOSED CONTOUR LINE & LEVEL EXISTING CONTOUR LINE & LEVEL FILLING IN EXCESS OF 200mm FILLING IN EXCESS OF 200mm CATCH DRAIN AND INVERT LEVEL CATCH DRAIN AND INVERT LEVEL EX. BATTER EX. BATTER PROP. BATTER PROP. BATTER 22 Business Park Drive Notting Hill VIC 3168 A.C.N. 006 550 803 E: consulting@dpmvic.com.au W: www.dpmvic.com.au T: (03) 9538 5000  Consulting Group DRAWN: J.DEMERTZIDIS DESIGNED: J.DEMERTZIDIS CHECKED: S.MAKARAS AUTHORISED: M.COLE PE REG NO: PE1124072 DATE: 06/02/2025 AUTHORITY: CARDINIA SHIRE COUNCIL PROJECT: GERANIUM ESTATE - STAGE 1 ROAD & DRAINAGE DETAILS: TYPICAL CROSS SECTIONS SCALE N.T.S. LEVEL DATUM AHD SHEET 05 OF 14 DRAWING No. 3257/01/R05 REV. C1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
REV.	C1	CONSTRUCTION ISSUE	23/07/2025	M.C.	REG ENG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

1. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH PLANS AND CURRENT CITY OF CASEY SPECIFICATIONS AND STANDARD DRAWINGS APPROVED BY COUNCIL, THE EDM, VPA GUIDELINES AND TO THE SATISFACTION OF THE ENGINEER.
2. A PRE COMMENCEMENT MEETING SHALL BE HELD PRIOR TO WORKS COMMENCING. THE CONTRACTOR SHALL CONTACT THE SUPERINTENDENT AND ARRANGE THIS MEETING.
3. DRAINAGE AND PITS TO BE SETOUT FROM OFFSETS SHOWN RATHER THAN FROM CENTRELINE PIPE CHAINAGES.
4. ALL STORMWATER DRAINAGE PIPES ARE TO BE R.C. CLASS 2 RUBBER RING JOINTED UNLESS OTHERWISE STATED.
ALL DRAINS BENEATH CONCRETE FOOTPATH, DRIVEWAYS, KERB & CHANNEL OR ANY SEALED SURFACE SHALL BE BACKFILLED WITH 20mm NOMINAL SIZE CLASS 3 C.R. ALL DRAINS AND SEWERS BENEATH THE ROAD PAVEMENT SHALL BE BACKFILLED WITH 20mm NOMINAL SIZE CLASS 2 F.C.R.
ALL DRAINS BEHIND KERB & CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20mm CLASS 3 F.C.R.
ALL BACKFILLING TO BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S. 1289.5.2.1 - 2003
5. JOINTING FOR CURVED PIPE ALIGNMENT SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS (RR)'S FOR MINOR DEFLECTIONS OR COMPLETE R.C. BANDAGES).
6. APPROVED GRANULAR BACKFILL TO BE PROVIDED WHERE PIPE TRENCHES ENCR OACH UNDER ROADWAY AND LOTS DUE TO DEEP EXCAVATIONS IN ROCK.
7. SHALLOW CUT OFF DRAINS ARE TO BE PROVIDED ON SUBDIVISION BOUNDARY WHERE NECESSARY.
8. PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING ALL RELEVANT REGULATIONS, HAVE BEEN ADDRESSED. IN PARTICULAR, THE REQUIRED NOTIFICATIONS MUST BE CONVEYED TO THE VICTORIAN WORKCOVER AUTHORITY - HEALTH & SAFETY DIVISION WITH RESPECT TO TRENCHING OPERATIONS. DETAILS OF THE CONTRACTORS OCCUPATIONAL HEALTH & SAFETY PROCEDURES MUST BE LODGED WITH THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF WORKS.
PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION TO CITY OF CASEY COUNCIL:
 - i. SOURCE OF QUARRY MATERIAL
 - ii. N.A.T.A APPROVED TEST RESULTS FOR THE F.C.R. THAT IS TO BE USED.
 - iii. IF THE SOURCE THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL NECESSARY SHORING, PLANKING AND STRUTTING, DE-WATERING DEVICES, BARRICADES, SIGNS, LIGHTS ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION AND PROTECT THE PUBLIC FROM THE WORKS AS PER AUSTRALIAN STANDARD 1742-283.
9. 100mm DIAMETER AGRICULTURAL DRAINS ARE TO BE CONSTRUCTED BEHIND ALL KERB & CHANNEL, KERB ONLY, BUFFER STRIP AND OPEN CONCRETE INVERT.
A.G.'S LAID BENEATH CONCRETE INVERT DRAINS SHALL BE BACKFILLED WITH CLASS 3 BASALTIC SCREENINGS OR NO FINES CONCRETE COVERED WITH GEOTEXTILE FABRIC EXTENDING 225mm EITHER SIDE OF THE A.G. TRENCH. CONCRETE INVERT AT INTERSECTIONS TO BE LAID AT THE SAME GRADE AS THE LIP OF THE THROUGH ROAD. A.G. DRAINS TO CONNECT TO UNDERGROUND DRAINS VIA PITS.
10. BATTERS SHALL BE 1 IN 6 FOR CUT & FILL UNLESS OTHERWISE SHOWN.
11. ALL INDIGENOUS TREES AND VEGETATION INCLUDING ALL (VICTORIAN NATIVE SPECIES) ARE TO BE PROTECTED AND RETAINED UNTIL COUNCIL HAS ISSUED A PLANNING PERMIT ENDORSING THEIR REMOVAL PRIOR TO ANY WORKS OCCURRING ON SITE, A PRECOMMENCEMENT MEETING WITH THE CIVIL CONSULTANT AND CONTRACTOR MUST BE ARRANGED WITH COUNCIL'S OPEN SPACE PLANNER AND SENIOR ARBORIST.
12. LOTS TO BE GRADED AND LEFT CLEAN TO THE SATISFACTION OF THE SUPERINTENDENT.
13. AT COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED, AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER/OR THEIR REPRESENTATIVE.
14. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
15. THE WATER CONDUIT OFFSET FROM THE LOT BOUNDARY IS GIVEN ON THE WATER RETICULATION PLAN. THE CONTRACTOR MUST CONSTRUCT CONDUITS TO ACCORD WITH THE GIVEN OFFSET AND ENSURE THAT THE CONCRETE MARKS AT THE KERB AND FOOTPATH EXACTLY ABOVE THE CONDUIT.
16. GAS AND COMMUNICATIONS CONDUITS ARE TO BE 50mm DIAMETER HEAVY DUTY PVC LAID AT A MINIMUM DEPTH OF 200mm BELOW PAVEMENT SUBGRADE LEVEL, UNLESS OTHERWISE SHOWN. WATER CONDUITS ARE TO BE IN ACCORDANCE WITH MRWA-W-110 AND MRWA-W-202. THE LOCATION OF THE GAS AND WATER IS TO BE MARKED ON THE KERB.
17. NBN CO. TO BE NOTIFIED 7 DAYS PRIOR TO CONCRETE BEING POURED.
18. CONDUITS ARE TO BE EXTENDED 450mm BEHIND FACE OF KERB AND TO BE REFERENCED ON FACE OF KERB.
19. ALL DRIVEWAYS TO BE OFFSET 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.
20. ALL DRIVEWAY RAMPS INTO PROPERTIES ARE TO BE CUT IN AT A MAXIMUM GRADE OF 1 IN 6.
21. EARTHWORKS ARE TO BE PERFORMED IN ACCORDANCE WITH AS3798-2007.
ON COMPLETION THE CONTRACTOR SHALL PRESENT A "LEVEL 1" TYPED REPORT NOMINATING THE EXTENT OF FILL PLACED, ITS CONFORMANCE WITH THE SPECIFICATION AND ITS CLASSIFICATION AS CONTROLLED FILL.
FILLING IN PROPERTIES IS TO BE CARRIED OUT USING APPROVED CLAY FILL.
ALL FILL CONSTRUCTION BENEATH CAPING LAYER AND/OR SUBGRADE TO BE TYPE A SELECTED MATERIAL, SELECTED, PLACED AND COMPACTED IN ACCORDANCE WITH CLAUSE 20.6 CASEY.
ALL OTHER FILL OUTSIDE OF PROPOSED PAVEMENT INCLUDING BENEATH FOOTPATHS IS TO BE STRUCTURAL FILL TO COMPLY WITH A.S. 3798 - 1996 APPENDIX B, LEVEL 1 (OR 2) AS SPECIFIED.
TOPSOIL AND ALL VEGETABLE MATTER IS TO BE STRIPPED FROM SITE PRIOR TO FILLING.
ALL FILLING TO BE CARRIED OUT IN 50mm LAYERS AND COMPACTED TO MINIMUM DRY DENSITY RATIO OF 95% STANDARD IN ACCORDANCE WITH A.S. 3798.
COMPACTION RESULTS ARE TO BE PROVIDED TO THE SUPERINTENDENT FOR ALLOTMENTS WITH EXCESS OF 300mm OF FILL.
22. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO. 4.48 (MAY '07) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE SUPERVISING ENGINEER.
23. PAVEMENT DEPTHS MAY BE MODIFIED DURING CONSTRUCTION DEPENDING ON THE ON SITE CONDITIONS AS DIRECTED BY THE CASEY CONSTRUCTION ENGINEER OR WORKS SUPERVISOR.
24. THE CONTRACTOR IS TO ORGANISE AND PAY FOR TESTING OF PAVEMENT BASE COURSE MATERIAL AND FINAL LAYER OF CRUSHED ROCK. A COPY OF RESULTS IS TO BE FORWARDED TO THE DIRECTOR OF ENGINEERING OR HIS REPRESENTATIVE. THE RESULTS MUST MEET THE REQUIREMENTS OF THE CITY OF CASEY SPECIFICATION BEFORE ANY FURTHER WORKS ARE REQUIRED.

- THE CONTRACTOR MUST COMPLETE A LEVEL CHECK BETWEEN ALL TBM'S TO VERIFY LEVEL VALUES BEFORE COMMENCEMENT OF WORKS.
- ALL TBM's AND CONTROL POINTS ARE TO BE MAINTAINED AND PROTECTED AT ALL TIMES DURING CONSTRUCTION. SHOULD ANY MARKS BE DISTURBED, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE CONSULTANT TO ARRANGE RE-INSTALLMENT AT THE CONTRACTORS EXPENSE.
26. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR MUST SUBMIT A SMP TO THE CONSULTANT FOR APPROVAL. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION No.275 "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL". APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
27. ALL FOOTPATHS IN ROADS TO BE OFFSET 50mm FROM PROPERTY BOUNDARY. FOOTPATHS CONSTRUCTED ABOVE EXISTING LEVEL TO BE CONSTRUCTED ON APPROVED FILL (TO AS-3798) OF F.C.R. INTO NATURAL GROUND.
28. REFER TO LANDSCAPE ARCHITECT PLANS FOR DETAILS OF VEHICLE EXCLUSION ZONES. FENCING TO BE PLACED AROUND PERIMETER OF WORKS.
29. PRIOR TO COMMENCEMENT OF WORKS ANY TREE PROTECTION ZONES ARE INSTALLED AS SPECIFIED IN THE ANNOTATED DETAILS FORMING PART OF THE PLANNING PERMIT TO TREES NOTED "TO BE RETAINED". THIS INCLUDES THE FOLLOWING:-
- RING LOCK WIRE MESH APPROXIMATELY 1.80m HIGH
 - MAIN POSTS 100mm TREATED PINE (TP)
 - INTERMEDIATE POSTS STEEL STAR PICKETS (SP)
 - THE CORNER POSTS ARE TO BE TP WITH TP STAYS
 - EVERY THIRD POST TO BE TP
 - SP TO BE PLACED IMMEDIATELY BETWEEN THE TP
 - POSTS AT 3.0m INTERVALS
 - THING LOCK MESH TO ENCIRCLE THE STRUCTURE AND BE FIRMLY SECURED AT EACH POST
 - POSTS MUST BE SUNK INTO THE GROUND BY 450mm (THERE IS TO BE NO CONCRETE TO SECURE POSTS AS THIS WILL AFFECT p.H LEVELS)
- THE TREE PROTECTION ZONE IS TO BE CLEARLY SIGN POSTED IN ACCORDANCE WITH CONDITION 8 OF PLANNING PERMIT
- NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY TREE UNTIL APPROVAL IS GIVEN BY THE ENGINEER.
30. ALL FENCES ADJOINING ALL RESERVES (OTHER THAN ROAD RESERVES) ARE TO BE ERECTED TO A MINIMUM HEIGHT OF 1.8m BY THE DEVELOPER (OR OWNER) AT NO COST TO COUNCIL.
31. EXISTING DAM OR WATERCOURSES TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED AS SPECIFIED. CONSULTING ENGINEER TO BE NOTIFIED WHEN THE DAM OR WATERCOURSES ARE EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO DAMS BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL SUPERVISING ENGINEER.
32. TACTILE GROUND SURFACE INDICATORS (TSGI) ARE TO BE INSTALLED WHERE SHOWN IN ACCORDANCE WITH CITY OF CASEY SD 302 AND AS 1428.
33. PRIOR TO THE COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST SEEK AND ACQUIRE APPROPRIATE WORKS PERMITS FOR WORKING UNDER LIVE O/H POWER POLES.
34. PRIOR TO THE COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST SUBMIT A TRAFFIC MANAGEMENT PLAN TO THE SUPERINTENDENT, COUNCIL AND VICROADS. THE CONTRACTOR MUST ALSO SUBMIT A COPY OF THE CERTIFICATE CERTIFYING THAT THE PLAN HAS BEEN ADDED AND APPROVED BY AN INDEPENDENT AND QUALIFIED AUDITOR.
35. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL THE NECESSARY WORK PERMITS FOR WORKING IN CLOSE PROXIMITY TO ANY EXISTING OR LIVE SERVICES AND CIVIL INFRASTRUCTURE. THIS INCLUDES BUT IS NOT LIMITED TO VICROADS, AUSNET AND COUNCIL.
36. ALL DRAINAGE OFFSETS AT THE REAR OF ALLOTMENTS ARE TO BE AT 1.0m OFFSET WITH PROPERTY INLETS 1.00m FROM THE LOW CORNER OF THE LOT UNLESS NOTED OTHERWISE.
37. ALL CHAINAGES AND RADII REFER TO THE BACK OF KERB, ALL SET OUT INFORMATION REFERS TO THE LIP OF KERB UNLESS SPECIFIED OTHERWISE.
38. ALL PLAIN CONCRETE IS TO BE 25MPa UNLESS NOTED OTHERWISE. ALL COLOURED CONCRETE IS TO BE 32MPa UNLESS NOTED OTHERWISE.
39. THE CONTRACTOR CANNOT CONSTRUCT ANY ELECTRICAL WORKS WITHOUT THE PRIOR CONSENT OF AUSNET.
40. BEFORE COMMENCEMENT OF WORKS ON TRENCHES IN EXCESS OF 1.5 METRES DEEP, NOTICE OF SUCH INTENTION IS TO BE SUBMITTED ON THE PRESCRIBED FORMS TO THE WORKPERVER AUTHORITY IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS 2007 CLAUSE 5.127.
41. THE CONTRACTOR WHEN ENGAGED IN BLASTING OPERATION, SHALL NOT BLAST WITHIN 4.5m OF WATER, GAS OR SEWER PIPES OR WITHIN 15m OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE SUPERINTENDENT.
42. THE DISPOSAL SITE FOR SPOIL FROM SITE AND THE TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY CITY OF CASEY COUNCIL IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS. THE CONSENT OF THE SUPERINTENDENT.
43. PROPERTY INLETS AND HOUSE DRAINS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH EDM 701-70 HOUSE DRAINS FOR ALLOTMENTS SHALL BE AT A SUFFICIENT DEPTH TO CONTROL DISCHARGE AT A MINIMUM OF 1 IN 100 FALL FROM ALL POINTS WITHIN THE PROPERTY AREA AND SHALL BE CONNECTED TO UNDERGROUND DRAINS IN ROAD RESERVES WHERE POSSIBLE WITH 600mm MINIMUM COVER AT THE PROPERTY LINE. HOUSE DRAINS SHALL BE PLACED 5.5m FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN.
44. THE CONTRACTOR SHALL CO-OPERATE WITH OTHER CONTRACTORS AND/OR SERVICE AUTHORITIES AND SHALL ENSURE THAT ALL SERVICES ARE INSTALLED PRIOR TO THE FINAL PAYMENT COURSE.
45. TRENCHING FOR UNDERGROUND ELECTRICAL CABLES, SUPPLY AND INSTALLATION OF CONDUITS AND SUPPLY AND PLACEMENT OF BACKFILLS IS TO BE UNDERTAKEN BY THE CONTRACTOR UNDER THE SUPERVISION OF THE ELECTRICAL CONSULTANT.
46. ANY FOOTPATHS OR KERB AND CHANNEL DAMAGED DURING CONSTRUCTION AND MAINTENANCE PERIODS TO BE REINSTATED TO THE SATISFACTION OF CASEY CITY COUNCIL.
47. UPON COMPLETION, THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL RUBBISH AND SPOIL FROM THE SITE.
48. ALL SIGNS AND TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH AS1742.1-2014, AS1742.2-2009 AND SA1742.3-2009. LINEMARKINGS SHALL BE IN ACCORDANCE WITH VICROADS REQUIREMENTS WITH LATERAL WORKS AND ARROWS BEING COLOURED BLACK APPLIED PLASTIC TOWELED INTO PLACE (MATERIAL DEGAUDOR OR PASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL (VICROADS SPECIFICATION SECTION 710 & 722).
49. THE CONTRACTOR IS TO INSTALL MARKER POSTS & RPPMS TO INDICATE THE LOCATION OF FIRE PLUGS IN ACCORDANCE WITH MRWA-W-300.
50. WHERE CONCRETE PAVING CROSSES SERVICE TRENCHES, SEWERAGE AND DRAINAGE, TRENCHES SHALL BE BACKFILLED WITH COMPACTED FINE CRUSH ROCK.
51. ALL PSMs SHALL BE HIGH STABILITY TYPE.
52. ALL LEVELS ARE TO A.H.D.
53. ALL CO-ORDINATES ARE TO AUSTRALIAN MAP GRID (AMG)
54. ALL DIMENSION ARE IN METRES UNLESS NOTED OTHERWISE.

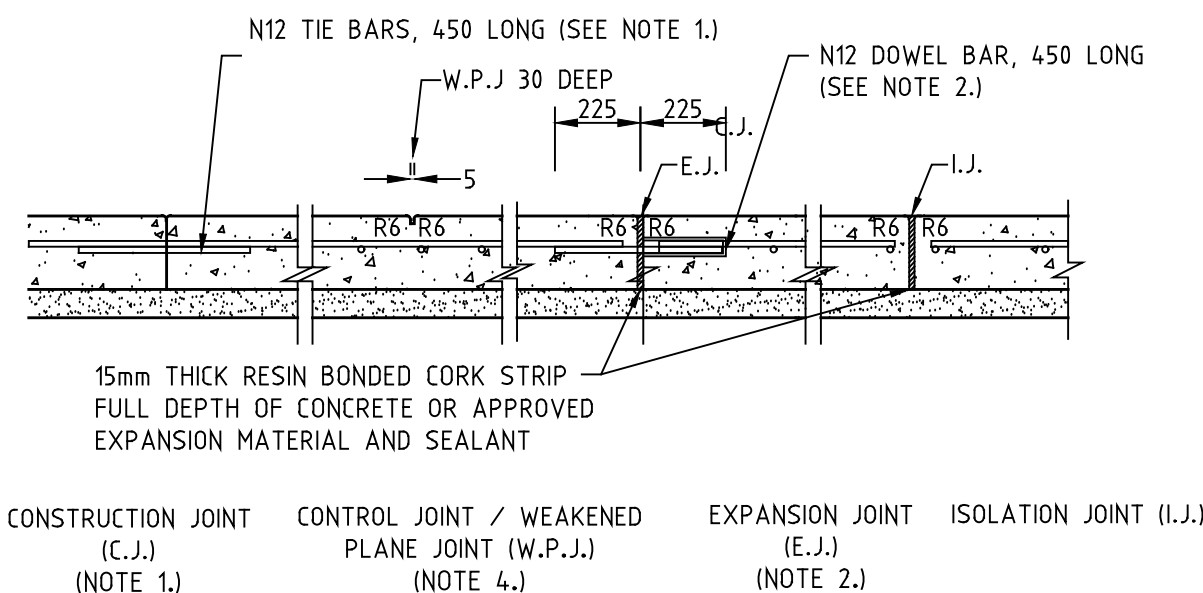
55. CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURE/FENCES AND OR ANY RETAINING WALLS GREATER THAT 1m IN HEIGHT
56. THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE CHIEF EXECUTIVE OFFICER/OR THEIR REPRESENTATIVE AS PER THE HOLD POINTS IN THE CASEY CITY COUNCIL SPECIFICATIONS.
57. ANY INFRASTRUCTURE DAMAGE DURING THE DEFECT LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO REINSTATE TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER/OR THEIR REPRESENTATIVE.
58. ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIRE-FIGHTING PURPOSES" PUBLICATION DEVELOPED BY C.F.A., M.F.E.S.B. & N.R.E.). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.
59. IF ANY SUBSTANDARD FILLING IS TO BE ENCOUNTERED IT MUST BE REMOVED AND REPLACED WITH FILL MATERIAL PROPERLY COMPACTED TO COUNCIL REQUIREMENTS. A GEO-TECHNICAL REPORT MUST BE SUBMITTED SHOWING DETAILS OF DEPTH, TYPE OF MATERIAL AND DENSITY OF THE FILL AREAS CONCERNED.
60. A CCTV REPORT MUST BE PROVIDED FOR ALL DRAINAGE LINES PRIOR TO ISSUE OF PRACTICAL COMPLETION.
61. FILLING IN ALL PROPERTIES & ROAD RESERVES IS TO BE CARRIED OUT USING APPROVED CLAY FILL. TOPSOIL & ALL VEGETABLE MATTER TO BE STRIPPED FROM SITE PRIOR TO FILLING. ALL FILLING TO BE CARRIED OUT IN 150MM LAYERS AND COMPACTED TO 95% OF MAX. DRY DENSITY. ALL FILLING TO COMPLY WITH AS 3798-2007, SECTION 8.2, LEVEL 1. A FILL REPORT MUST BE SUBMITTED FROM A NATA REGISTERED SOIL TESTING LABORATORY'.
62. ALL WORKS ARE TO BE IN ACCORDANCE WITH CURRENT CITY OF CASEY AND/OR EDMC SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF CITY OF CASEY SUPERVISING ENGINEER.



NOT TO SCALE



NOT TO SCALE



NOT TO SCALE



(EDCM 501)

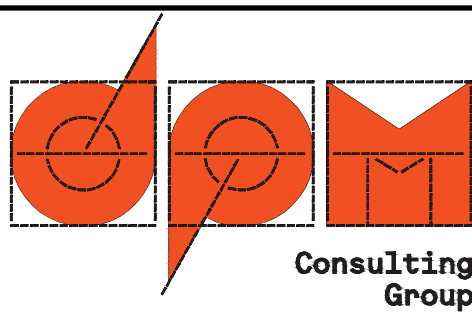
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1. NO BULLNOISE IN THE INVERT OF KERB.
2. CONCRETE TO BE LIGHT BROOM FINISH WITH EDGES AND JOINTS NEATLY TOOLED AFTER THE BROOM IS APPLIED.
3. ALL FINISHED SURFACES TO COMPLY WITH AS 4586 – SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS.
4. THE USE OF PATTERN PAVING OR COLOURED CONCRETE MUST BE APPROVED BY COUNCIL. MINIMUM STRENGTH OF COLOURED CONCRETE 32 MPa.
5. WIDTH OF CROSSING (W) 3500 UNLESS SHOWN OTHERWISE ON APPROVED PLANS.
6. WHERE CONCRETE PAVING CROSSES SERVICE, SEWER AND DRAINAGE TRENCHES, THE TRENCHES TO BE BACKFILLED WITH COMPACTED 20mm CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE.
7. WHERE VEHICLE CROSSING IS RETROFITTED THE EXISTING KERB AND CHANNEL IS TO BE REMOVED AND IF THE EXISTING FOOTPATH IS LESS THAN 125mm THICK – ONE BAY OF PATH (TYPICAL 1500 WIDE) ON EITHER SIDE OF THE CROSSING IS TO BE REMOVED, REPLACED WITH 125mm thick FOOTPATH AND JOINED TO THE EXISTING PATH WITH AN EXPANSION JOINT REFER FIGURE EDMC401.

COUNCIL ESTATE - STAGE 1 AINAGE & TYPICAL DETAILS	SCALE N.T.S.	
	LEVEL DATUM	AHD
	SHEET 06 OF 14	
	DRAWING No.	3257/01/R06

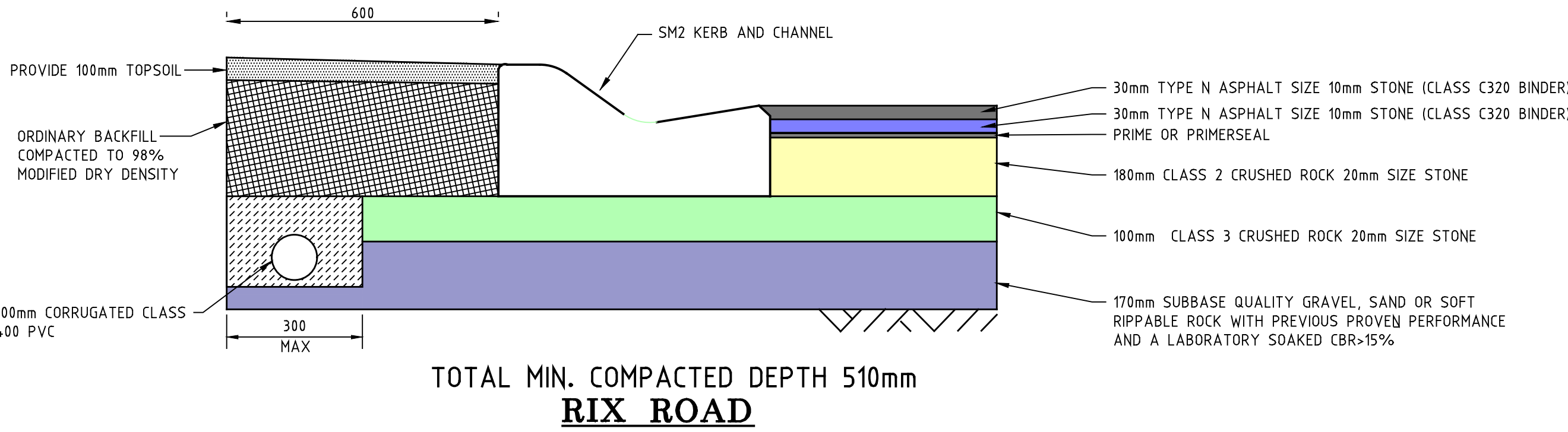
						LEGEND			
					GAS MAIN		HOUSE DRAIN PROPOSED/EX.		CHAINAGES AND TANGENT POINTS
			WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		PROPERTY INLET, DRAINAGE PITS		EXISTING SURFACE LEVEL
			RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		FINISHED LEVEL (LOT/BATTLE BOUNDARY)		DESIGN TOP/TOE OF BATTER LEVEL
			ELECTRICITY CABLE		DESIGN PIT STAGE/NUMBER		SEWER LINE AND STRUCTURES		DESIGN PAVEDMENT LEVEL
			TELECOMMUNICATIONS CABLE		EX./SEWER LINE AND STRUCTURES		PROPOSED LOT LINE & LEVEL		EXISTING CONTOUR LINE & LEVEL
			GAS CONDUIT		KERB AND CHANNEL		EX./FUT. KERB AND CHANNEL		FILLING IN EXCESS OF 200mm
			RECYCLED WATER CONDUIT		KERB TO BE REMOVED OFFSITE		CATCH DRAIN AND INVERT LEVEL		EX. BATTER, T.B. PROP. BATTER
			COMBINED SERVICES CONDUIT		STREET PROP. N.M.				
C1	CONSTRUCTION ISSUE	23/07/2025	M.C.						
REV.	REVISION	DATE	REG						

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DRAWN:	J.DEMERTZIDIS
DESIGNED:	J.DEMERTZIDIS
CHECKED:	S.MAKARAS
AUTHORISED:	M.COLE
PE REG NO:	PE1124072
DATE:	06/02/2025

AUTHORITY:
PROJECT:
DETAILS:



TOTAL MIN. COMPACTED DEPTH 510mm
RIX ROAD

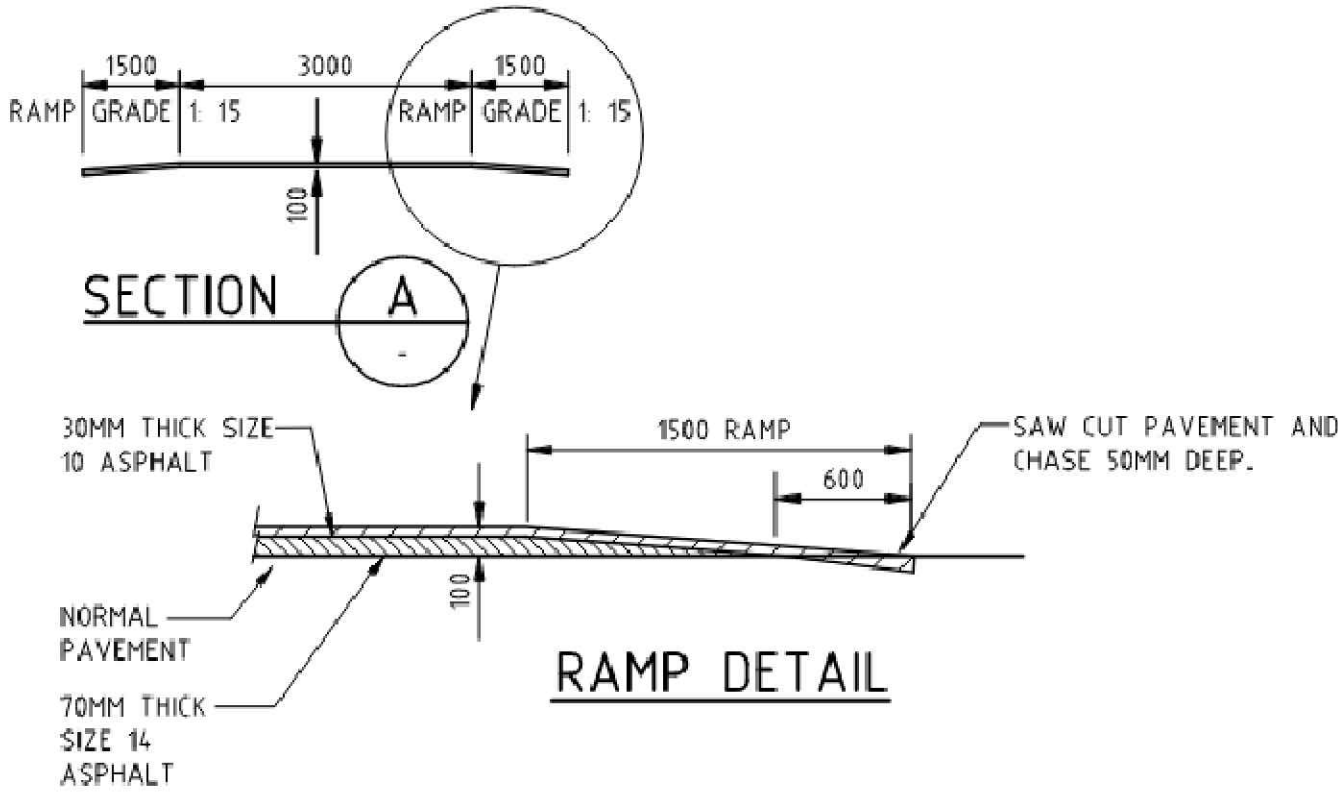
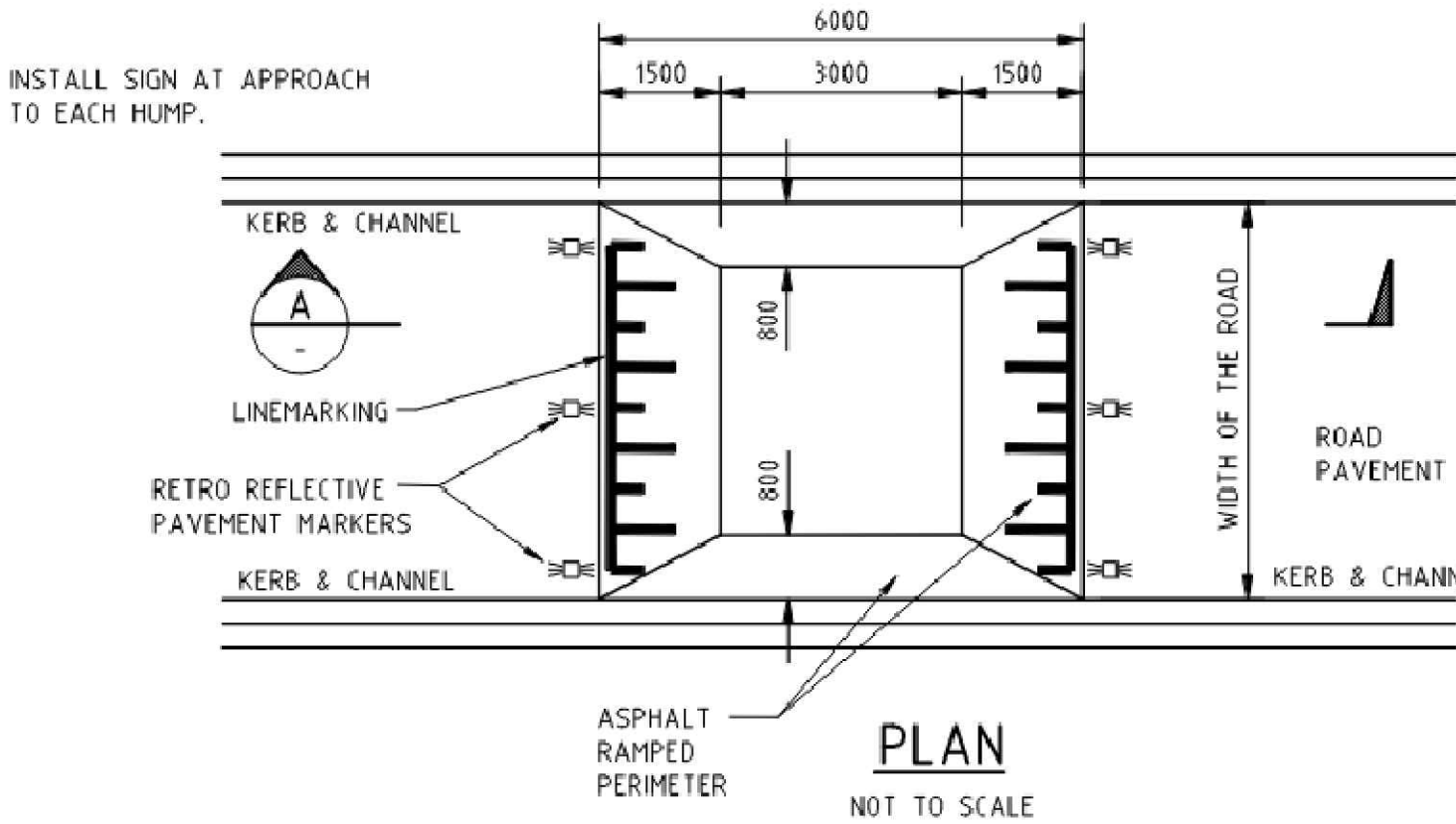
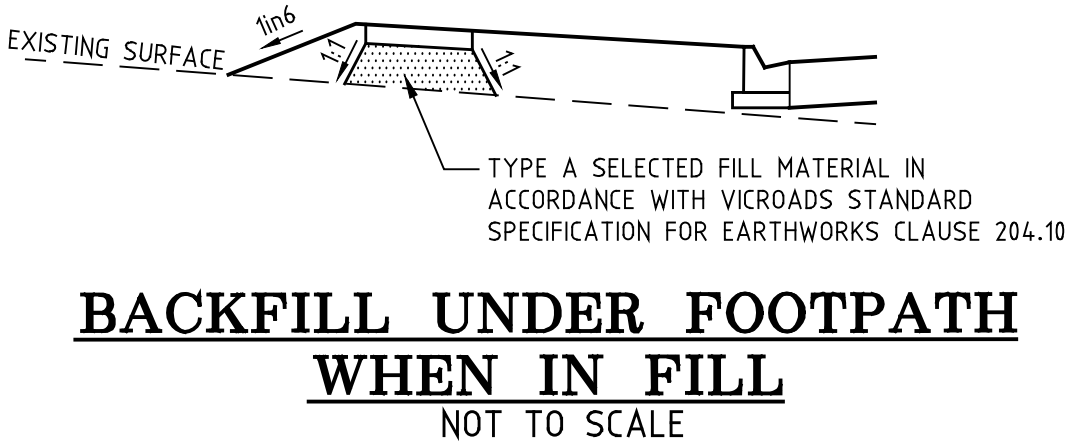
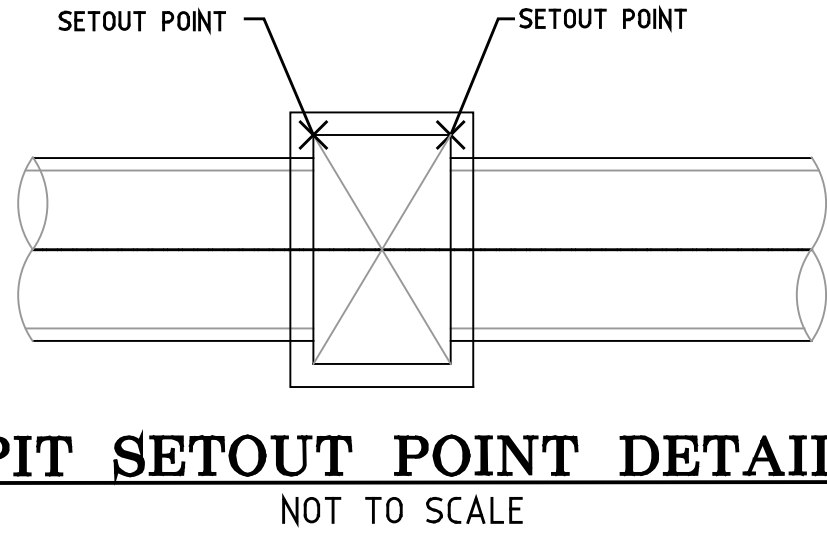
TOTAL MIN. COMPACTED DEPTH 460mm
TATJANA WAY & SOLANDERI WAY

PAVEMENT COMPOSITIONS

NOT TO SCALE

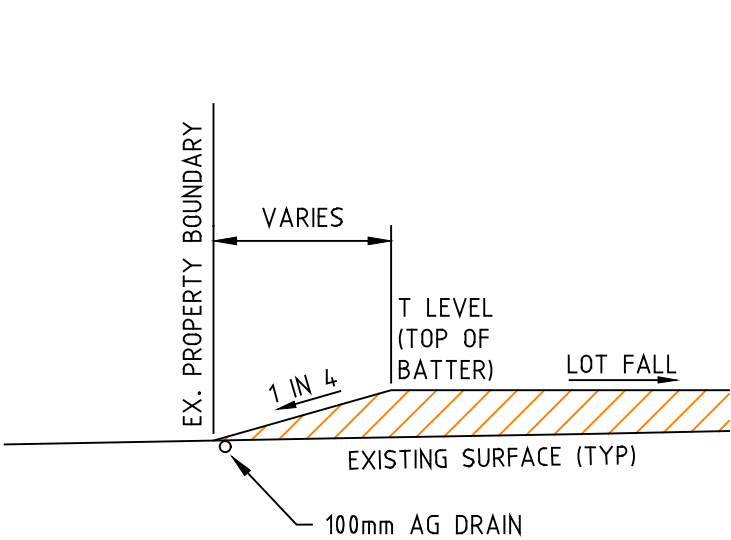
PAVEMENT NOTES:

1. DESIGN CBR OF LOWER SUBBASE MATERIALS COMPRISING SOFT RIPPLE ROCK OR MECHANICALLY STABILISED MATERIALS TO BE DETERMINED USING VICROADS CODES OF PRACTICE RC500.20, RC324.02 & RC301.04.



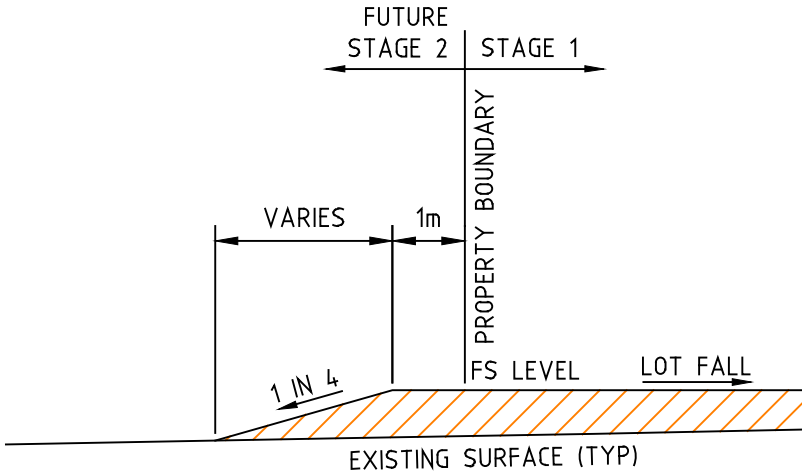
SPEED HUMP DETAIL

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BATTER TREATMENT - REAR/SIDE LOTS 1-19
BATTER DETAIL A

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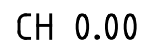
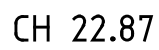
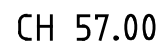


TEMP. BATTER TREATMENT - REAR/SIDE LOTS 19-30
BATTER DETAIL B

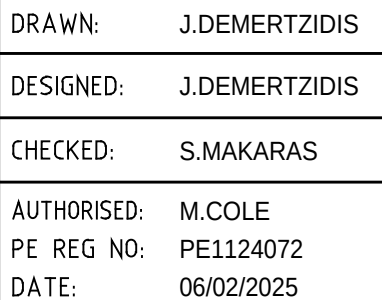
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CONSTRUCTION ISSUE

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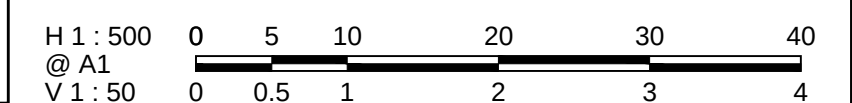
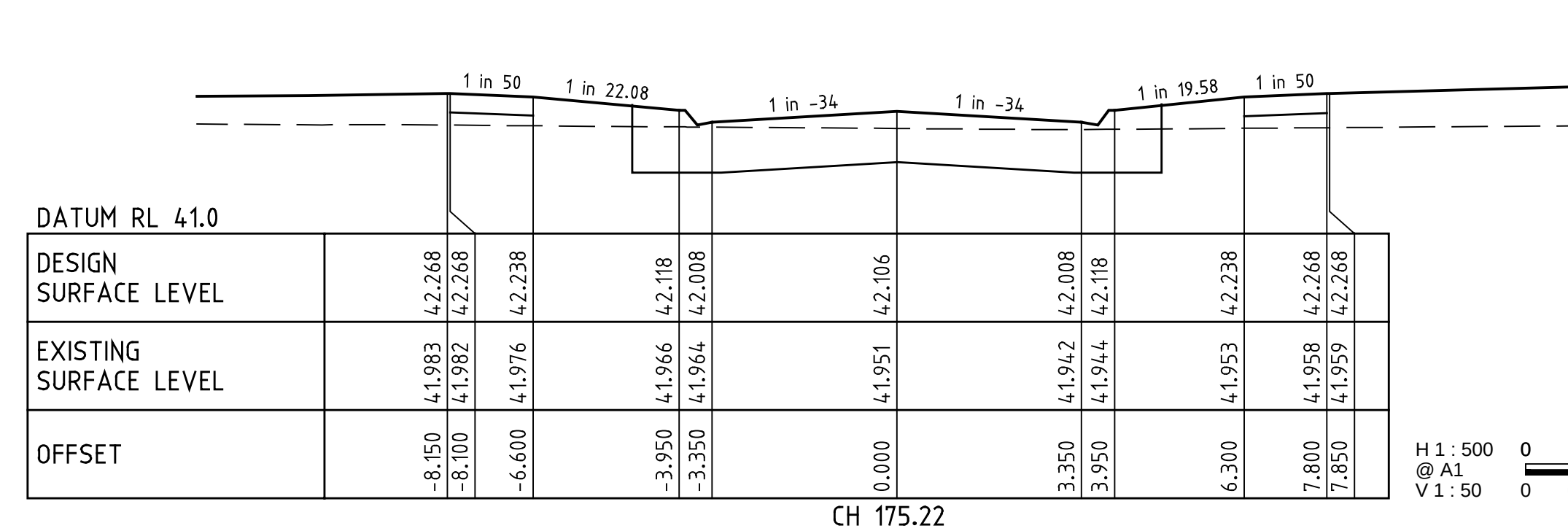
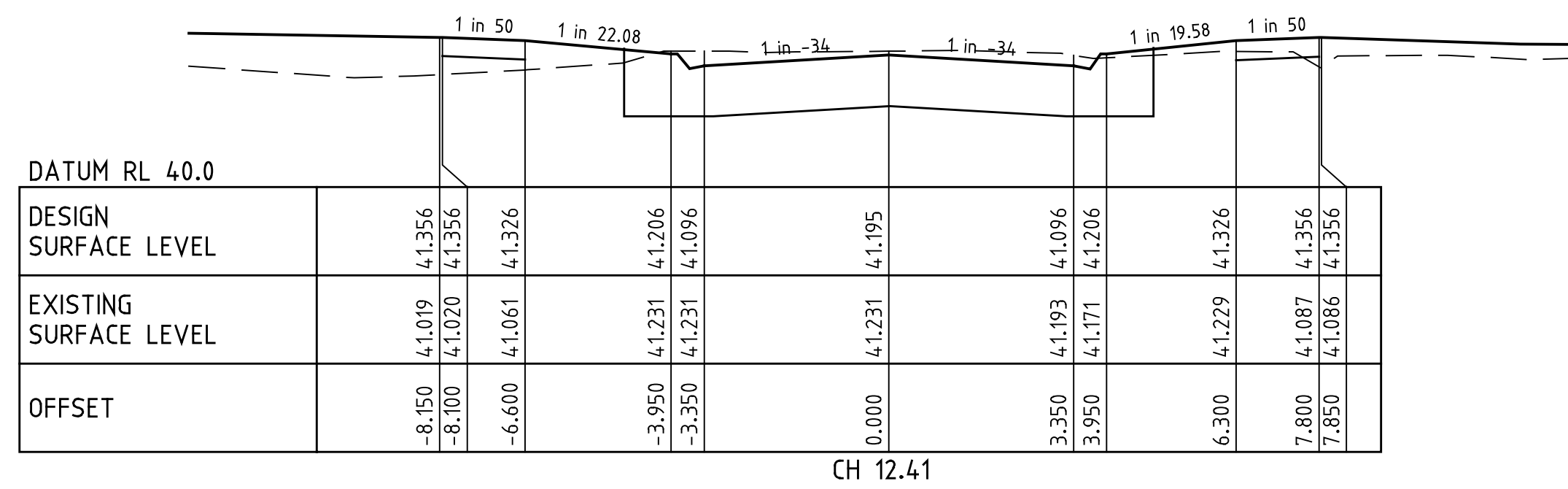


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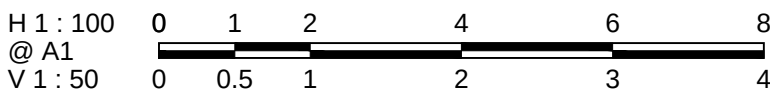
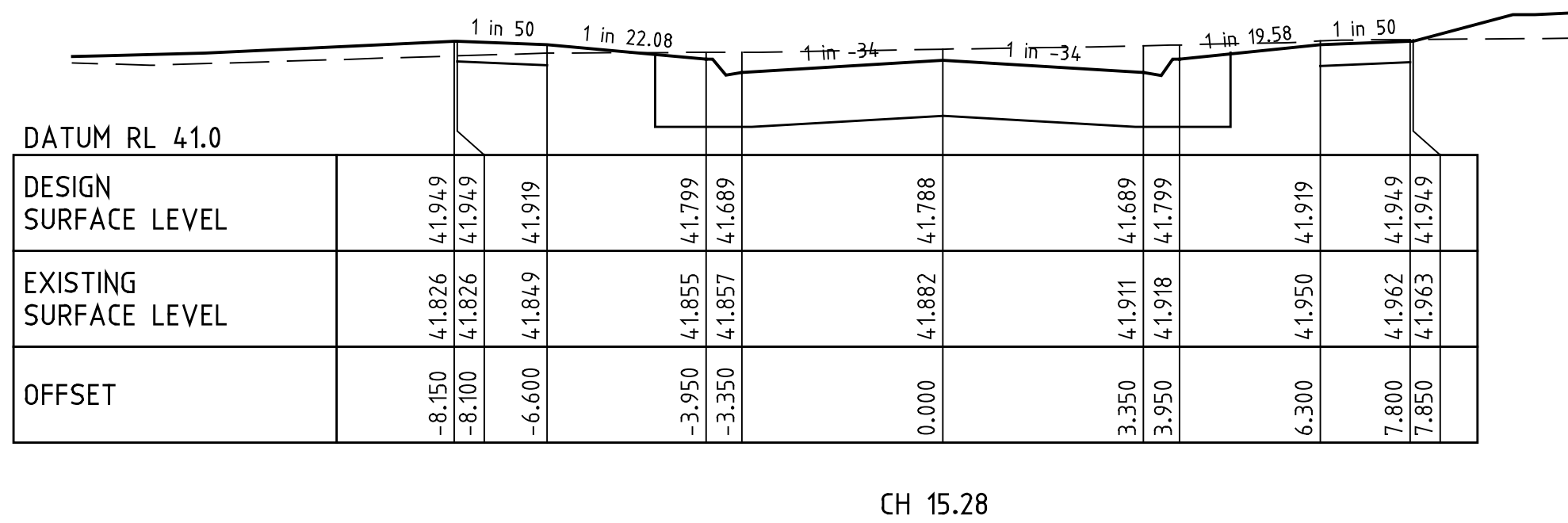
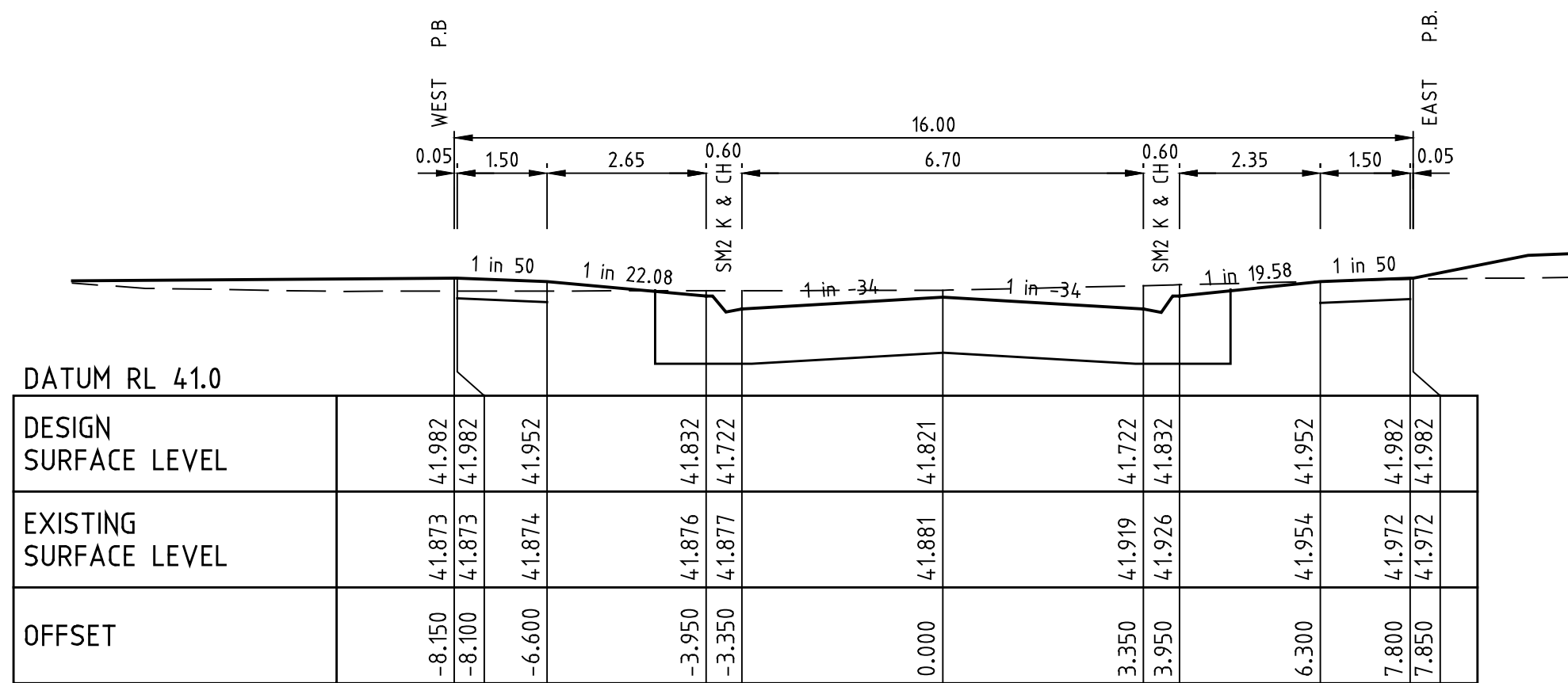
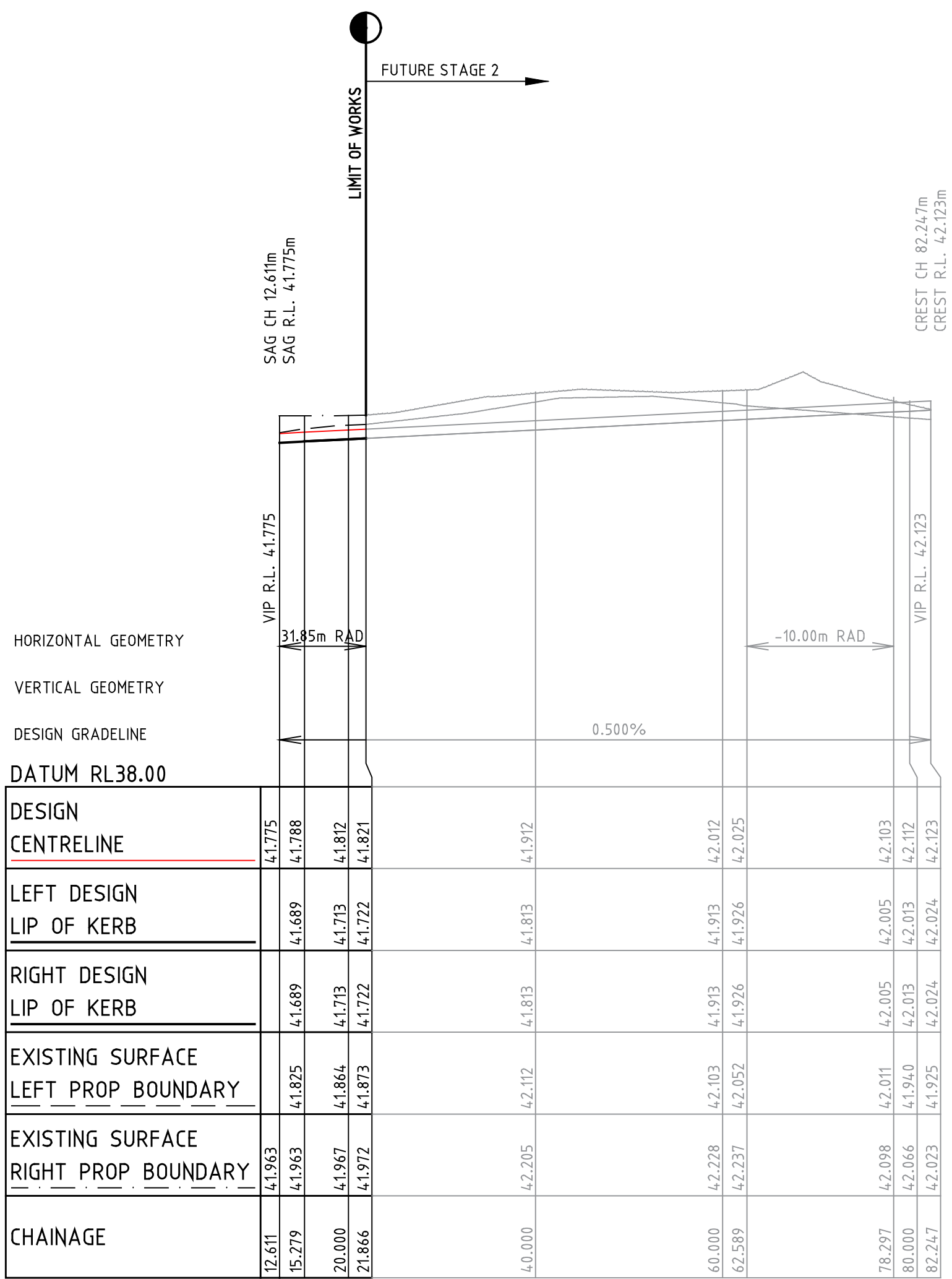
AUTHORITY:	CARDINIA SHIRE COUNCIL
PROJECT:	GERANIUM ESTATE - STAGE 1 ROAD & DRAINAGE
DETAILS:	RIX ROAD LONGITUDINAL & CROSS SECTIONS

SCALE H: 1:500 V: 1:50	
LEVEL DATUM AHD	
SHEET 08 OF 14	
DRAWING No. 3257/01/R08	REV.
	C1



CONSTRUCTION ISSUE

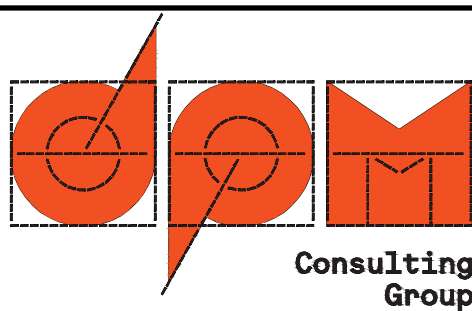
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CONSTRUCTION ISSUE

				LEGEND					
				G	GAS MAIN		HOUSE DRAIN PROPOSED/EX.		CHAINAGES AND TANGENT POINTS
				W	WATER MAIN		PROPERTY INLET, DRAINAGE PITS		EXISTING SURFACE LEVEL
				R	RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		FINISHED LEVEL (TITLE BOUNDARY)
				E	ELECTRICITY CABLE		DRAINAGE PIT STAGE/NUMBER		DESIGN TOP/TOE OF BATTER LEVEL
				T	TELECOMMUNICATIONS CABLE		SEWER LINE AND STRUCTURES		DESIGN PAVEMENT LEVEL
				W	WATER CONDUIT		EX-SEWER LINE AND STRUCTURES		PROPOSED CONTOUR LINE & LEVEL
				G	GAS CONDUIT		KERB AND CHANNEL		EXISTING CONTOUR LINE & LEVEL
				R	RECYCLED WATER CONDUIT		EX./FUT. KERB AND CHANNEL		FILLING IN EXCESS OF 200mm
				C	COMBINED SERVICES CONDUIT		KERB TO BE REMOVED OFFSITE		CATCH DRAIN AND INVERT LEVEL
				T	T.B.M.		STREET SIGN		EX. BATTER
				P	P.S.M.				PROP. BATTER
C1	CONSTRUCTION ISSUE	23/07/2025	M.C.						
REV.	REVISION	DATE	REG ENG						

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DRAWN: J.DEMERTZIDIS
DESIGNED: J.DEMERTZIDIS
CHECKED: S.MAKARAS
AUTHORISED: M.COLE
PE REG NO: PE1124072
DATE: 06/02/2025

AUTHORITY: **CARDINIA SHIRE COUNCIL**
PROJECT: **GERANIUM ESTATE - STAGE 1
ROAD & DRAINAGE**
DETAILS: **SOLANDERI WAY LONGITUDINAL & CROSS SECTIONS**

SCALE H: 1:100 V: 1:50
LEVEL DATUM AHD
SHEET 11 OF 14
DRAWING No. **3257/01/R11**
REV. C1

SIGN	DESCRIPTION	QUANTITY
 G9-20		1 No.
 W5-10B W8-2B	STREET NAME SIGN DOUBLE	2 No.
	 	2 No.



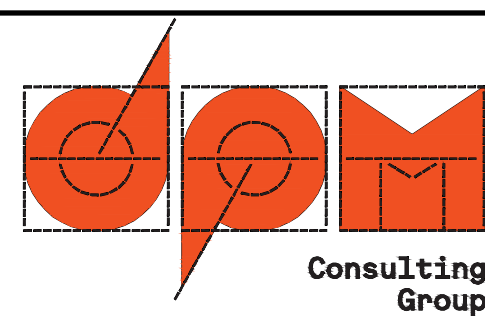
TACTILE GROUND SURFACE INDICATORS (TGSi) BOTH DIRECTIONAL AND WARNING TO BE INSTALLED AT PRAM CROSSING LOCATIONS IN ACCORDANCE WITH AS1428.4

DISCLAIMER:
THESE DRAWINGS ARE TO BE USED ONLY FOR THE PURPOSE FOR WHICH THEY WERE
INTENDED FOR. NO RESPONSIBILITY WILL BE BORNE BY THE ENGINEERING CONSULTANT
SHOULD THESE DRAWINGS BE USED FOR ANY OTHER PURPOSE.

1. RRPMS ARE TO BE WHITE AND AT MAX 6m SPACING.
2. LINEMARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
3. LINEMARKING IN ACCORDANCE WITH AS1742.
4. TGS1 TO BE INSTALLED IN ACCORDANCE WITH VICROADS RDN 06-06 - JULY 2010
5. ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
6. ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.

				LEGEND					
					GAS MAIN		HOUSE DRAIN PROPOSED/EX.		CHAINAGES AND TANGENT POINTS
					WATER MAIN		PROPERTY INLET, DRAINAGE PITS		EXISTING SURFACE LEVEL
					RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		FINISHED LEVEL (TITLE BOUNDARY)
					ELECTRICITY CABLE		DRAINAGE PIT STAGE/NUMBER		DESIGN TOP/TOE OF BATTER LEVEL
					TELECOMMUNICATIONS CABLE		SEWER LINE AND STRUCTURES		DESIGN PAVEMENT LEVEL
					WATER CONDUIT		EX./FUT. S.EWER LINE AND STRUCTURES		PROPOSED CONTOUR LINE & LEVEL
					GAS CONDUIT		KERB AND CHANNEL		EXISTING COLOUR LINE & LEVEL
					RECYCLED WATER CONDUIT		EX./FUT. KERB AND CHANNEL		FILLING IN EXCESS OF 200mm
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					T.B.M.		STREET SIGN		EX. BATTER
					P.S.M.				PROP. BATTER

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DRAWN: J.DEMERTZIDIS	AUTHORITY: CARDINIA SHIRE COUNCIL	SCALE 1:500	
DESIGNED: J.DEMERTZIDIS	PROJECT: GERANIUM ESTATE - STAGE 1 ROAD & DRAINAGE	LEVEL DATUM AHD	
CHECKED: S.MAKARAS		SHEET 14 OF 14	
AUTHORISED: M.COLE PE REG NO: PE1124072 DATE: 06/02/2025	DETAILS: SIGNAGE AND LINEMARKING	DRAWING No. 3257/01/R14	REV. C1

CONSTRUCTION ISSUE